EduSahara™ Learning Center Assignment

Grade : Class IX, CBSE
Chapter : Statistics
Name : Bar Graphs

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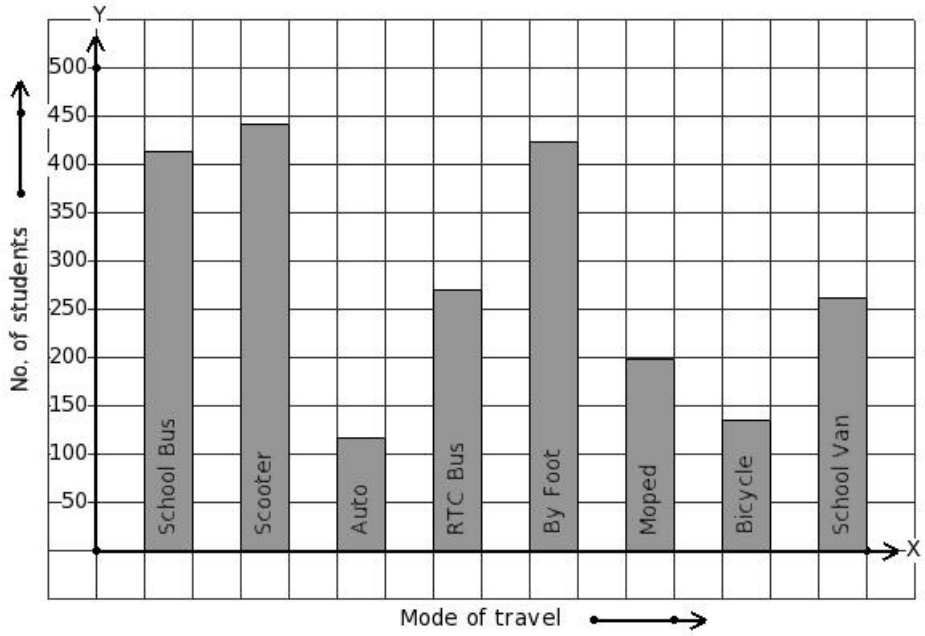
1. 2259 students of a school use different modes of travel to school.

Identify the table for the given bar diagram.



(i)

Mode of travel	School Bus	Scooter	Auto	RTC Bus	By Foot	Moped	Bicycle	School Van
No. of students	414	441	117	270	423	198	135	261

(ii)

Mode of travel	School Bus	Scooter	Auto	RTC Bus	By Foot	Moped	Bicycle	School Van
No. of students	441	270	135	423	414	198	117	261

(iii)

Mode of travel	School Bus	Scooter	Auto	RTC Bus	By Foot	Moped	Bicycle	School Van
No. of students	261	198	414	423	135	270	117	441

(iv)

Mode of travel	School Bus	Scooter	Auto	RTC Bus	By Foot	Moped	Bicycle	School Van
No. of students	270	441	117	135	261	198	423	414

(v)

Mode of travel	School Bus	Scooter	Auto	RTC Bus	By Foot	Moped	Bicycle	School Van
No. of students	414	117	423	198	135	270	441	261

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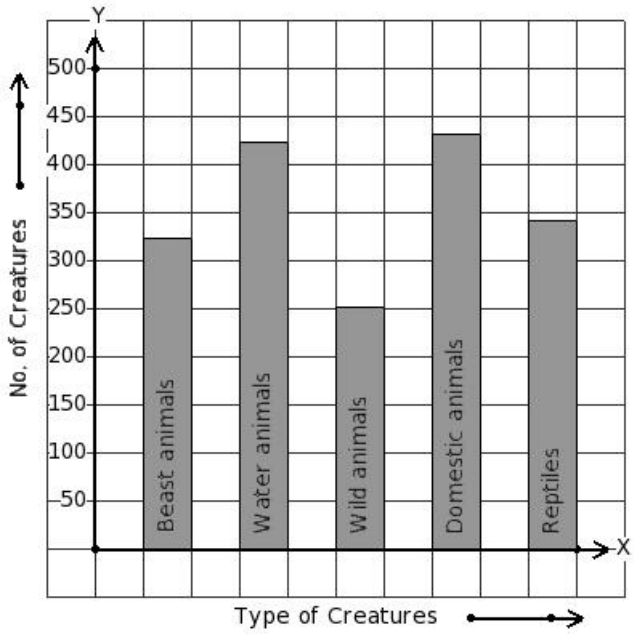
2. There are 1773 creatures in a zoo as shown in the bar graph.

Identify the table for the given bar diagram.



(i)

Type of Creatures	Beast animals	Water animals	Wild animals	Domestic animals	Reptiles
No. of Creatures	324	252	432	342	423

(ii)

Type of Creatures	Beast animals	Water animals	Wild animals	Domestic animals	Reptiles
No. of Creatures	252	324	432	342	423

(iii)

Type of Creatures	Beast animals	Water animals	Wild animals	Domestic animals	Reptiles
No. of Creatures	423	432	252	342	324

(iv)

Type of Creatures	Beast animals	Water animals	Wild animals	Domestic animals	Reptiles
No. of Creatures	324	423	252	432	342

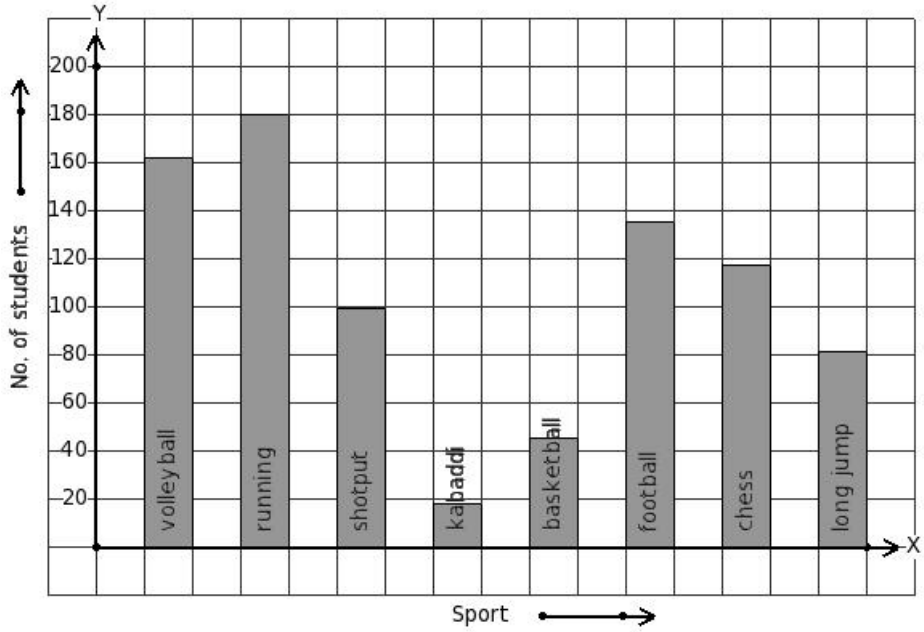
(v)

Type of Creatures	Beast animals	Water animals	Wild animals	Domestic animals	Reptiles
No. of Creatures	342	252	432	423	324

The following bar graph gives data regarding

3. the favourite sport of 837 students of a school.

Identify the table for the given bar diagram.



(i)

Sport	volleyball	running	shotput	kabaddi	basketball	football	chess	long jump
No. of students	162	180	99	18	45	135	117	81

(ii)

Sport	volleyball	running	shotput	kabaddi	basketball	football	chess	long jump
No. of students	117	99	18	135	180	162	45	81

(iii)

Sport	volleyball	running	shotput	kabaddi	basketball	football	chess	long jump
No. of students	45	180	135	18	81	117	99	162

(iv)

Sport	volleyball	running	shotput	kabaddi	basketball	football	chess	long jump
No. of students	45	162	81	180	99	117	135	18

(v)

Sport	volleyball	running	shotput	kabaddi	basketball	football	chess	long jump
No. of students	18	99	180	117	135	45	81	162

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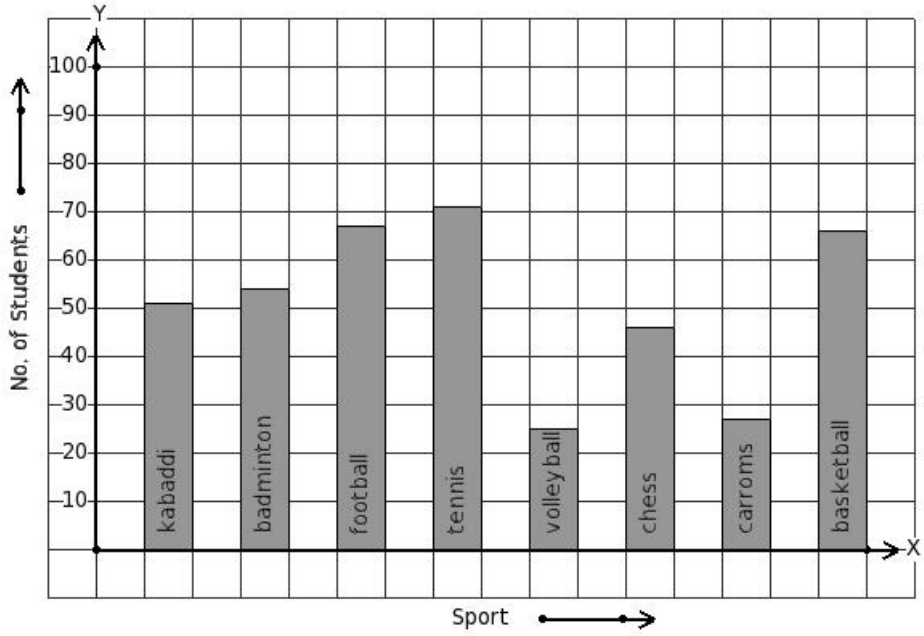
4. The number of bars present in the bar chart of the following table is



(i) 9 (ii) 11 (iii) 8 (iv) 5 (v) 7

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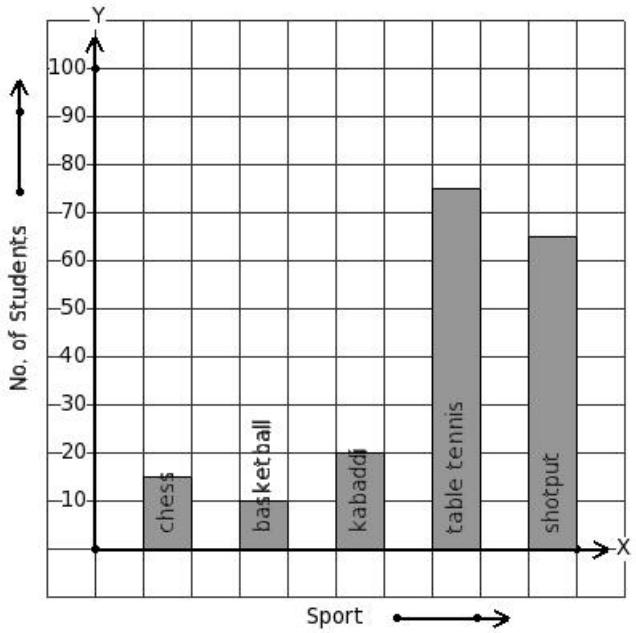
5. Given the bar graph, find the maximum frequency



(i) 85 (ii) 80 (iii) 70 (iv) 90 (v) 75

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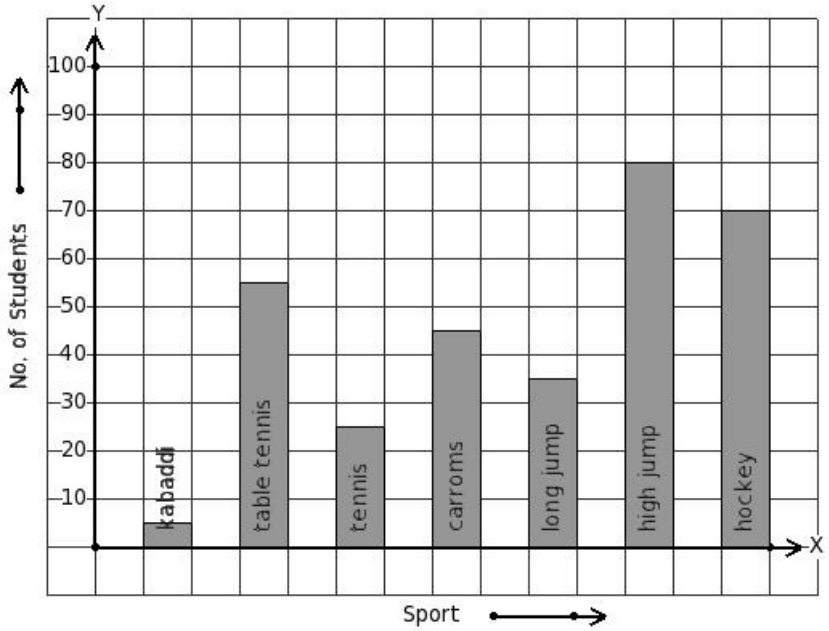
6. Given the bar graph, find the minimum frequency



(i) 0 (ii) 10 (iii) 20 (iv) 15 (v) 5

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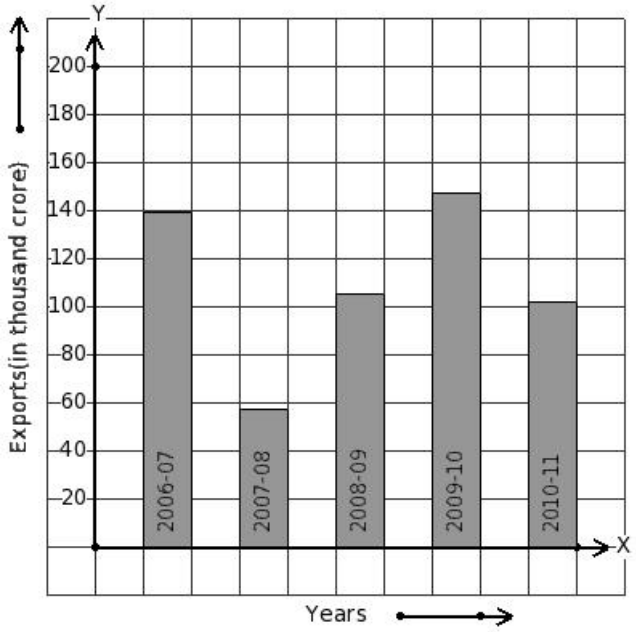
7. The following bar graph shows the export earnings of a country (in thousand crore) during five years. Find the year that has maximum export earnings.



(i) 2007-08 (ii) 2010-11 (iii) 2006-07 (iv) 2009-10 (v) 2008-09

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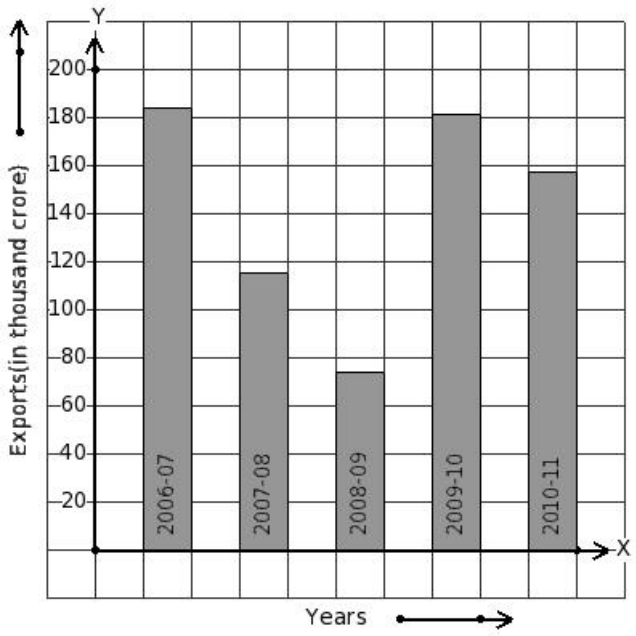
8. The following bar graph shows the export earnings of a country (in thousand crore) during five years.
Find the year that has minimum export earnings.



(i) 2008-09 (ii) 2010-11 (iii) 2006-07 (iv) 2007-08 (v) 2009-10

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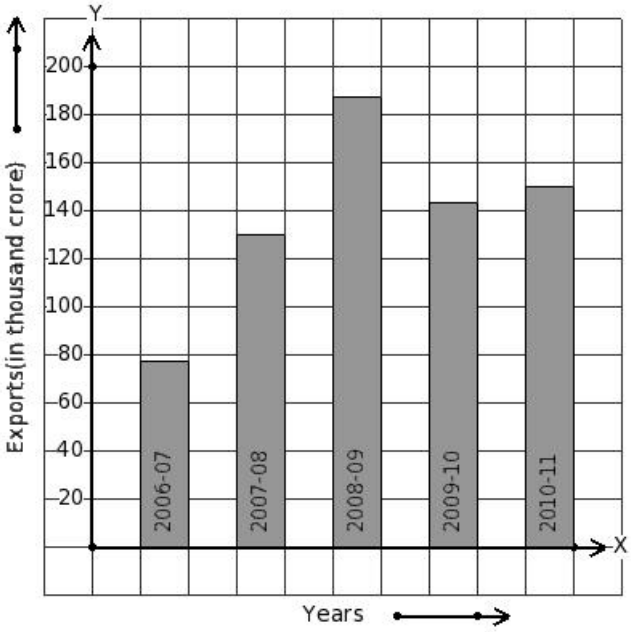
9. The following bar graph shows the export earnings of a country (in thousand crore) during five years.
Find the year that has 150 thousand crore export earnings.



(i) 2009-10 (ii) 2010-11 (iii) 2008-09 (iv) 2007-08 (v) 2006-07

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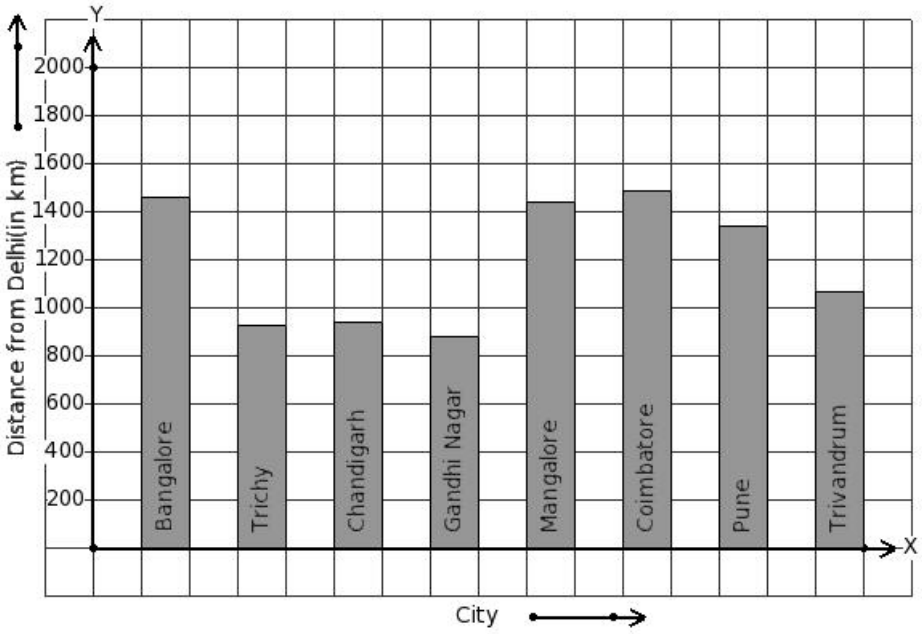
10. The air distance of some cities from Delhi (in km) are given below.
Find the city that has maximum distance.



(i) Gandhi Nagar (ii) Trivandrum (iii) Mangalore (iv) Pune (v) Coimbatore

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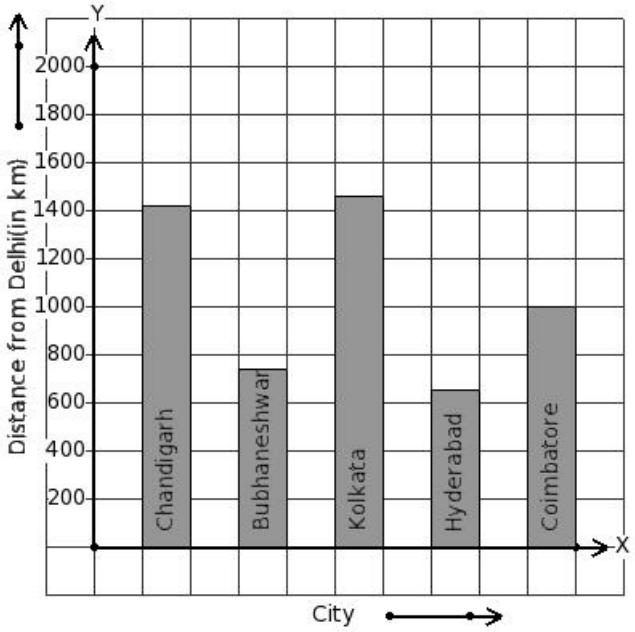
11. The air distance of some cities from Delhi (in km) are given below.
Find the city that has minimum distance.



(i) Kolkata (ii) Coimbatore (iii) Bubhaneshwar (iv) Chandigarh (v) Hyderabad

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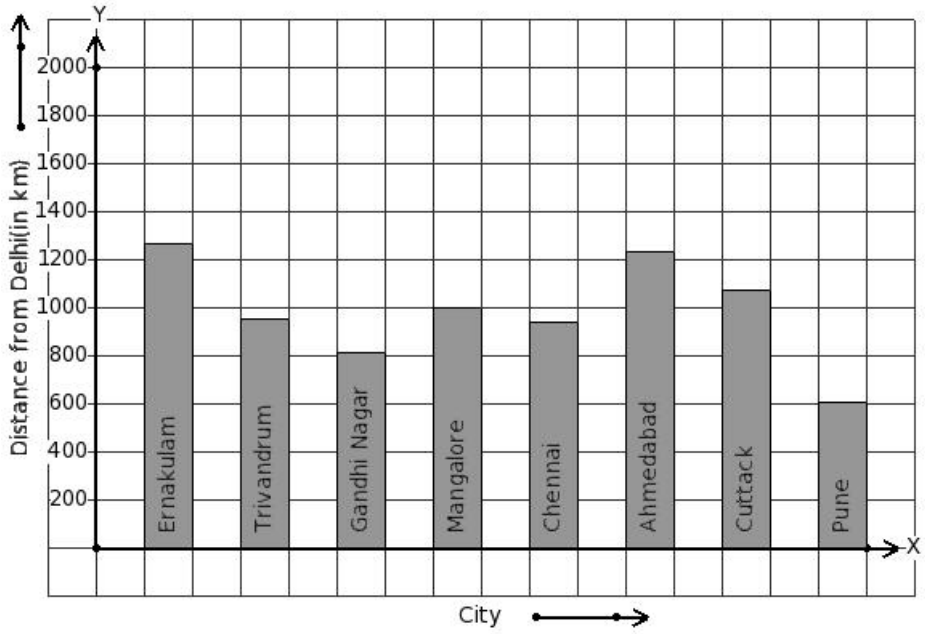
12. The air distance of some cities from Delhi (in km) are given below.
Find the city that has 1074 km distance.



(i) Ernakulam (ii) Pune (iii) Cuttack (iv) Chennai (v) Mangalore

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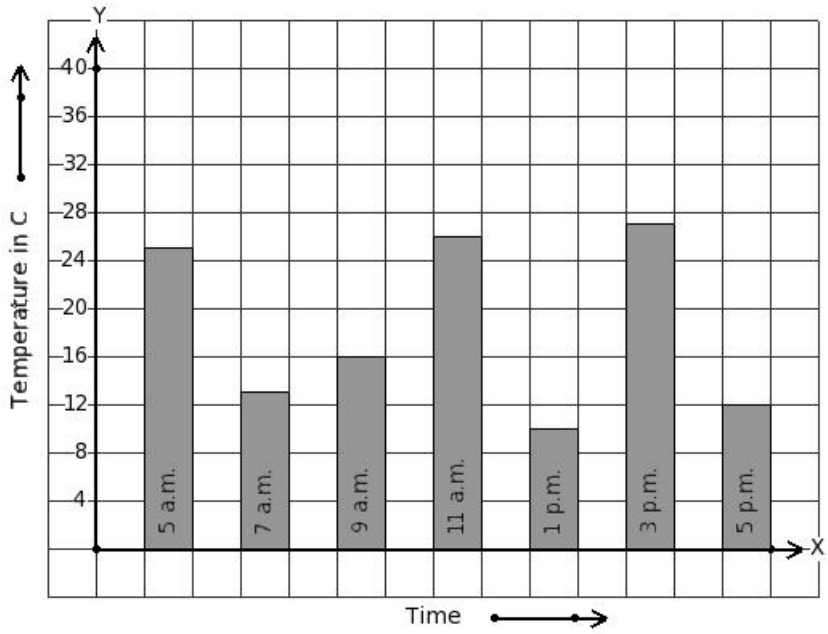
13. On a certain day, the temperature in a city was recorded as shown below.
Find the time that has maximum temperature.



(i) 11 a.m. (ii) 7 a.m. (iii) 9 a.m. (iv) 5 p.m. (v) 3 p.m.

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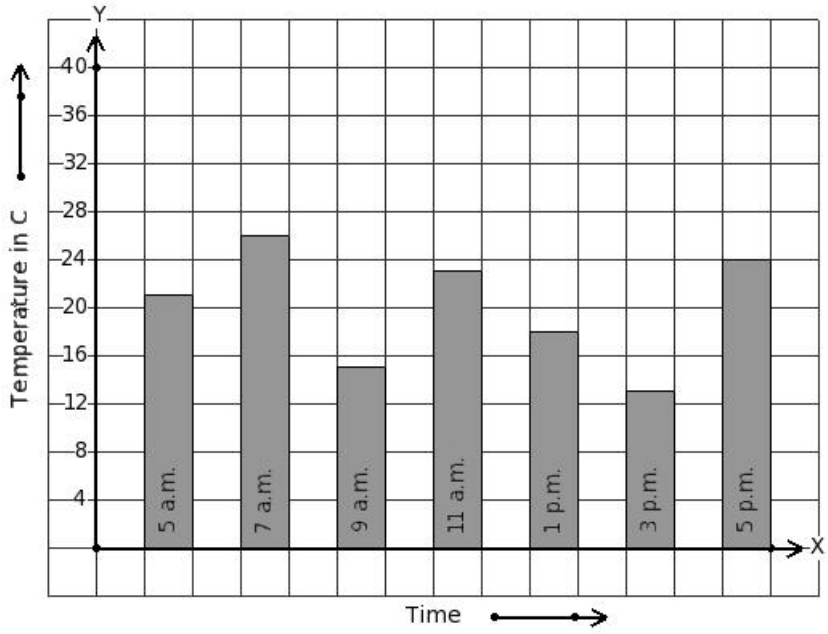
14. On a certain day, the temperature in a city was recorded as shown below.
Find the time that has minimum temperature.



(i) 3 p.m. (ii) 1 p.m. (iii) 5 p.m. (iv) 9 a.m. (v) 11 a.m.

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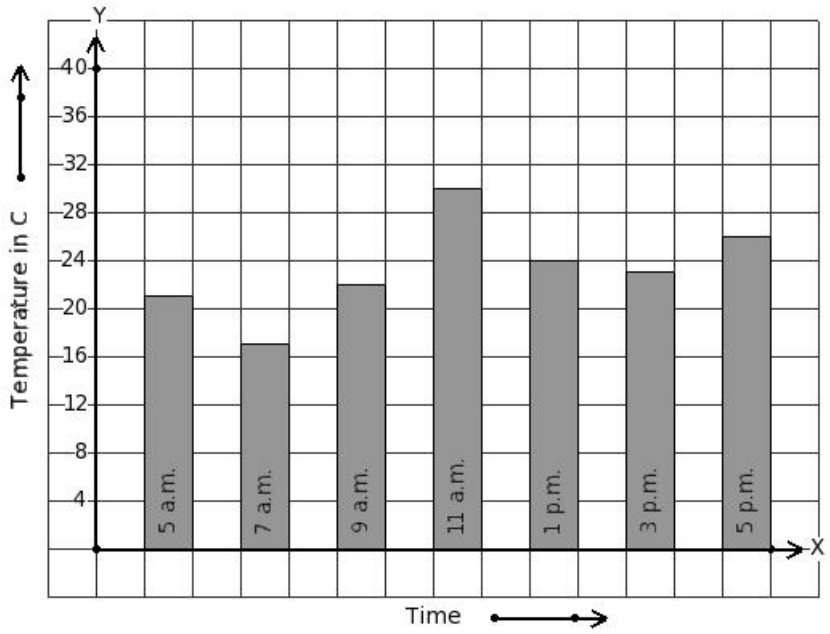
15. On a certain day, the temperature in a city was recorded as shown below.
Find the time that has 30 °C temperature.



(i) 11 a.m. (ii) 1 p.m. (iii) 3 p.m. (iv) 5 p.m. (v) 5 a.m.

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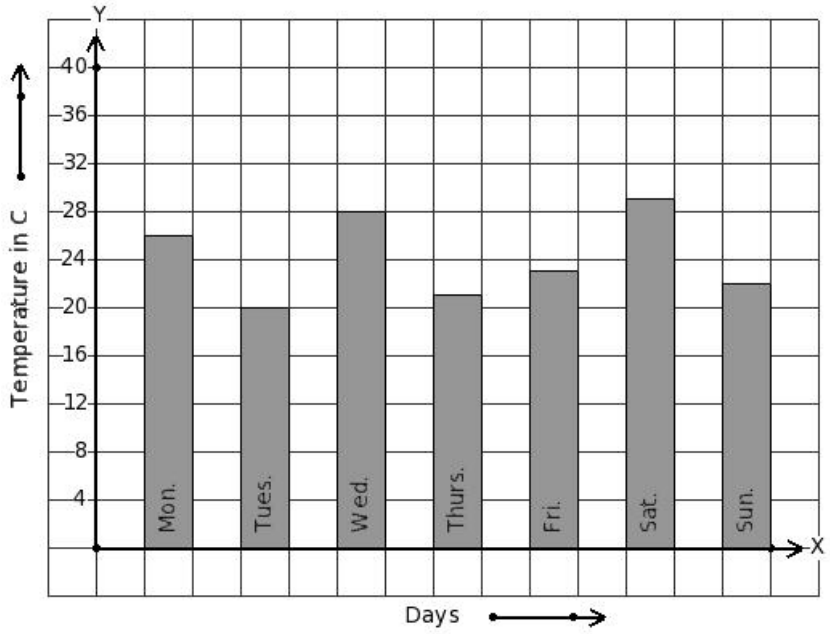
16. Following bar graph gives the average temperature of a place during a week.
Find the day that has maximum temperature.



(i) Sat. (ii) Fri. (iii) Sun. (iv) Tues. (v) Mon.

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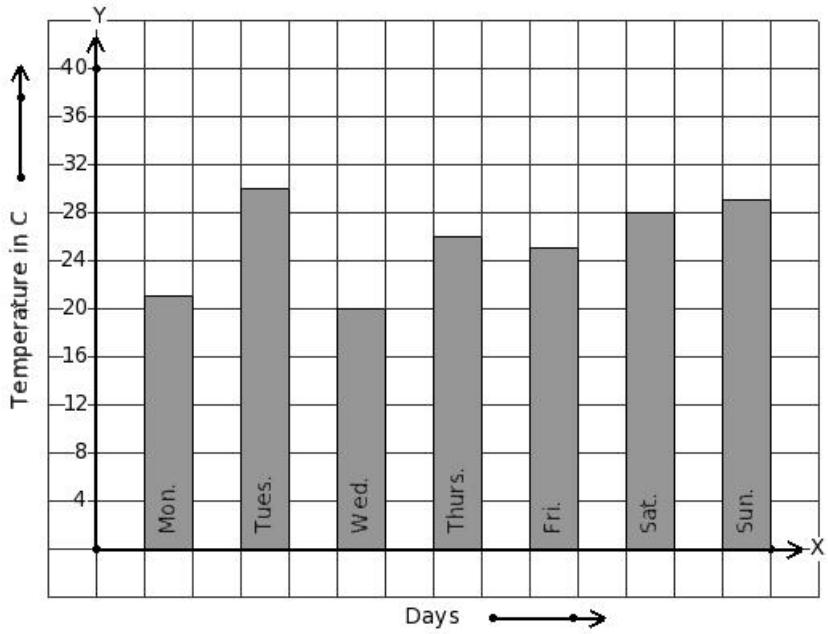
17. Following bar graph gives the average temperature of a place during a week.
Find the day that has minimum temperature.



(i) Wed. (ii) Mon. (iii) Thurs. (iv) Sun. (v) Sat.

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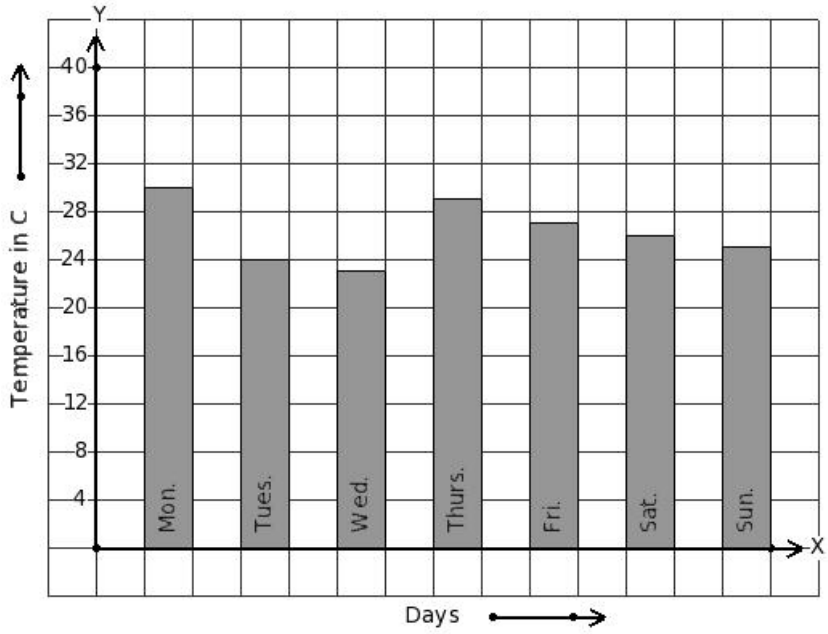
18. Following bar graph gives the average temperature of a place during a week.
Find the day that has 26 °C temperature.



(i) Sat. (ii) Wed. (iii) Mon. (iv) Sun. (v) Fri.

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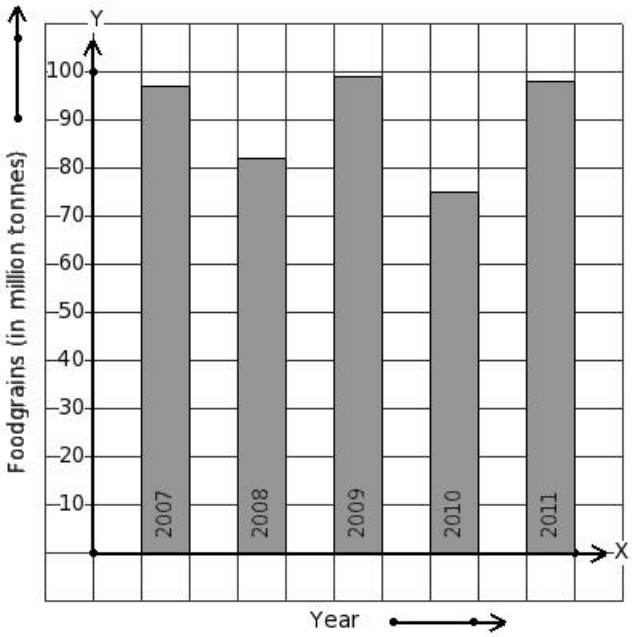
19. Read the column-graph given below.
Find the year that has maximum food grains production.



(i) 2007 (ii) 2008 (iii) 2009 (iv) 2011 (v) 2010

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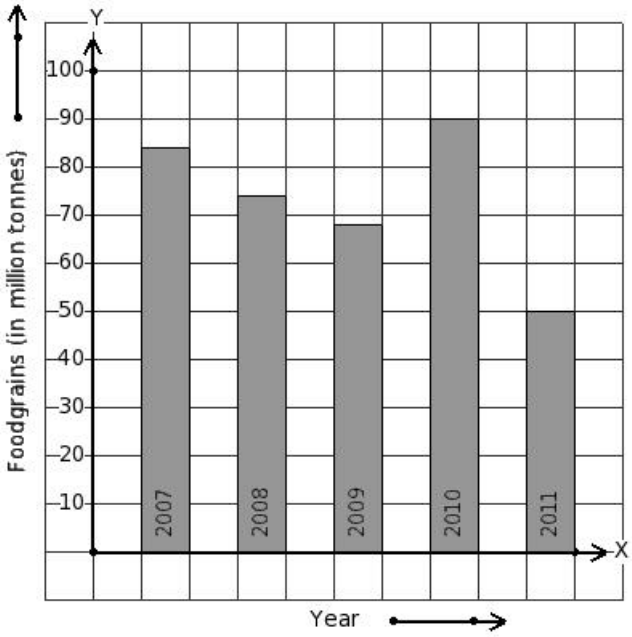
20. Read the column-graph given below.
Find the year that has minimum food grains production.



(i) 2007 (ii) 2010 (iii) 2009 (iv) 2011 (v) 2008

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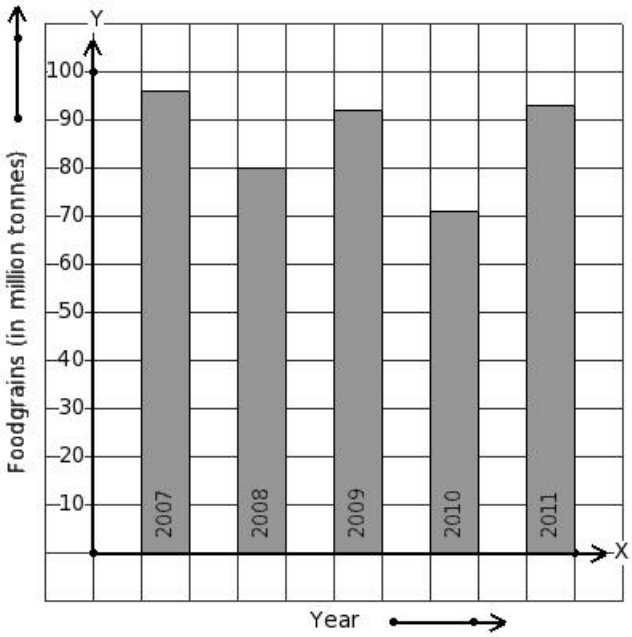
21. Read the column-graph given below.
Find the year that has 93 million tonnes food grains production.



(i) 2008 (ii) 2009 (iii) 2010 (iv) 2007 (v) 2011

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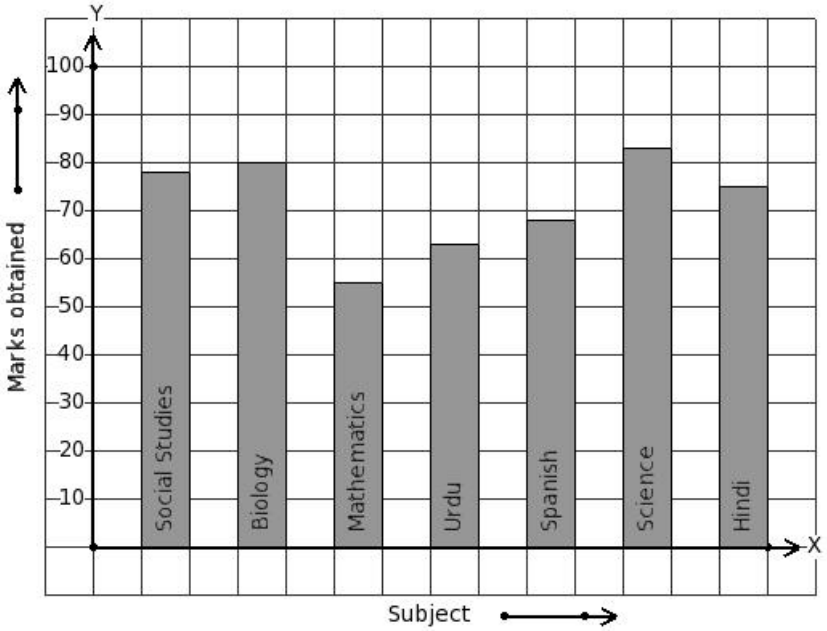
22. The marks obtained by Kiran in his annual exam are shown below.
Find the subject that has maximum score.



(i) Hindi (ii) Social Studies (iii) Science (iv) Urdu (v) Mathematics

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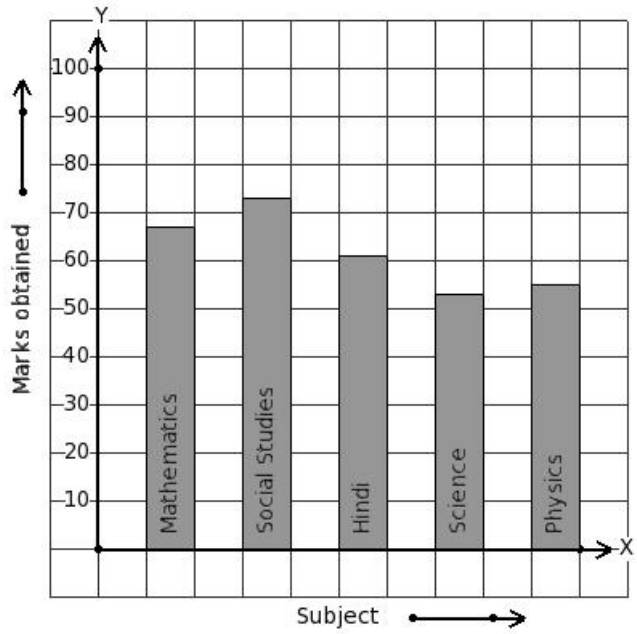
23. The marks obtained by Sai in his annual exam are shown below.
Find the subject that has minimum score.



(i) Science (ii) Mathematics (iii) Physics (iv) Hindi (v) Social Studies

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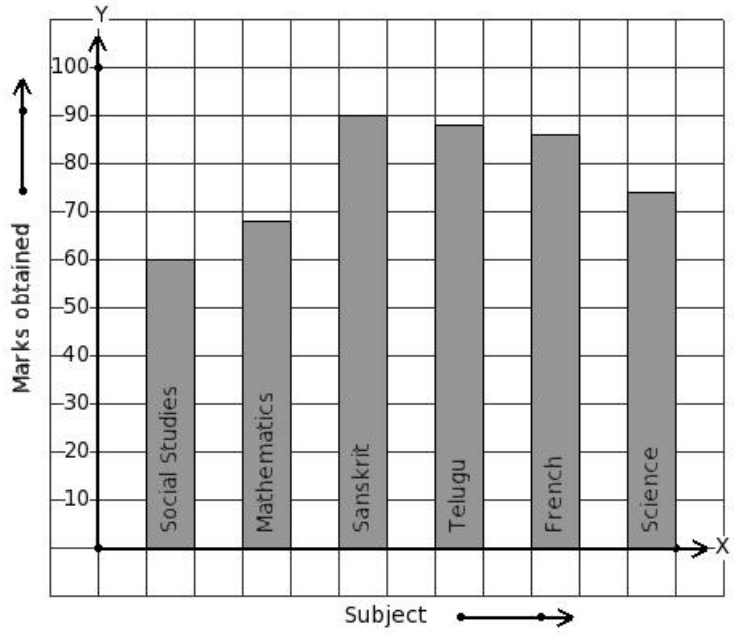
24. The marks obtained by Kalyan in his annual exam are shown below.
Find the subject that has 90 score.



(i) French (ii) Social Studies (iii) Science (iv) Sanskrit (v) Telugu

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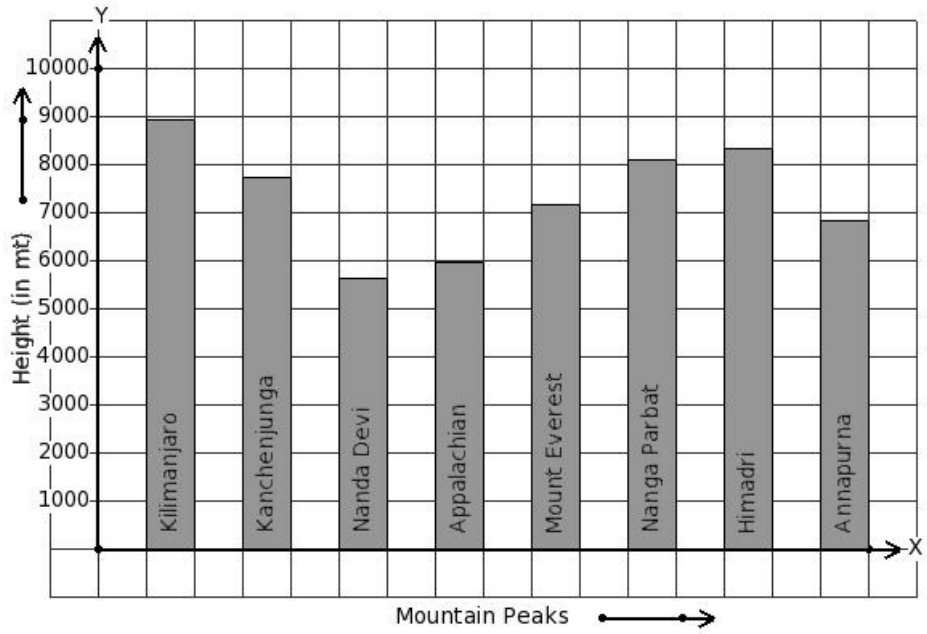
25. Given below is the column-graph showing heights of some mountain peaks.
Find the mountain that has maximum height.



(i) Annapurna (ii) Appalachian (iii) Kilimanjaro (iv) Nanda Devi (v) Mount Everest

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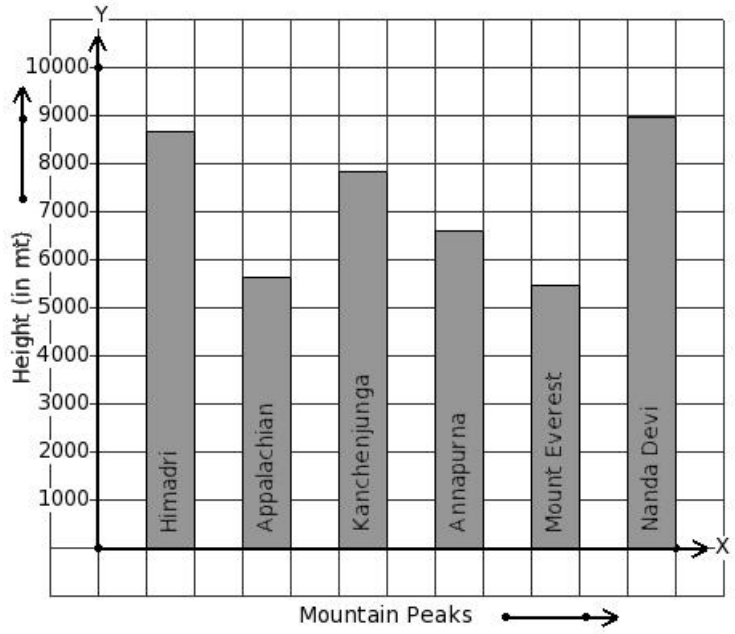
26. Given below is the column-graph showing heights of some mountain peaks.
Find the mountain that has minimum height.



(i) Mount Everest (ii) Nanda Devi (iii) Himadri (iv) Appalachian (v) Annapurna

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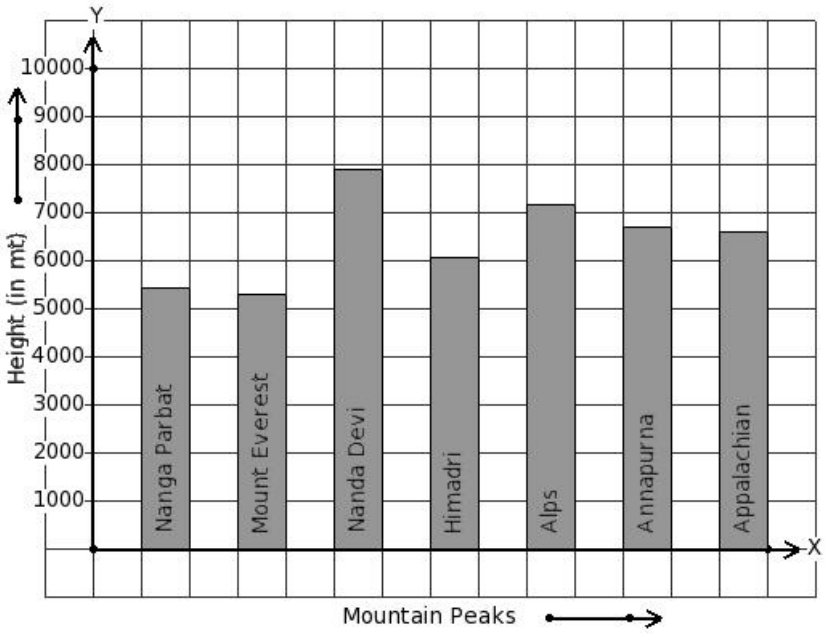
27. Given below is the column-graph showing heights of some mountain peaks.
Find the mountain that has 6609 mt height.



(i) Appalachian (ii) Annapurna (iii) Himadri (iv) Nanga Parbat (v) Alps

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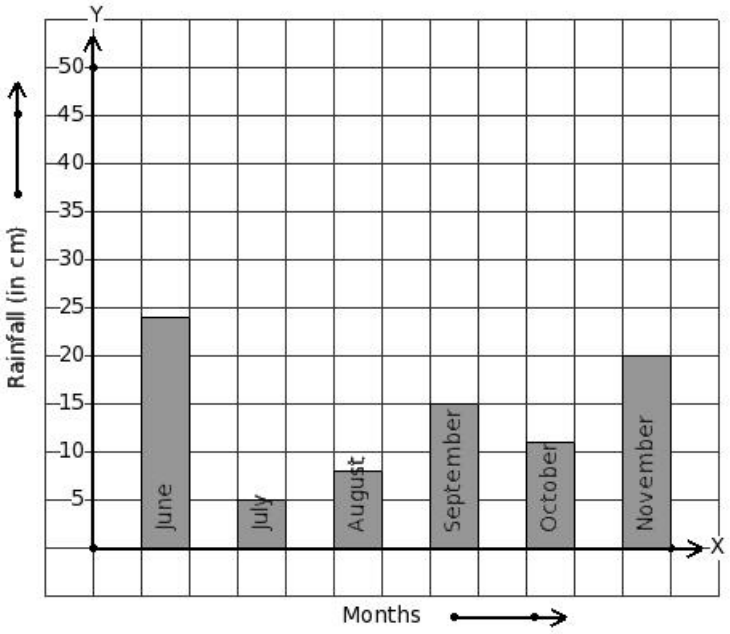
28. Read the given column-graph.
Find the month that has maximum rainfall.



(i) June (ii) August (iii) October (iv) September (v) July

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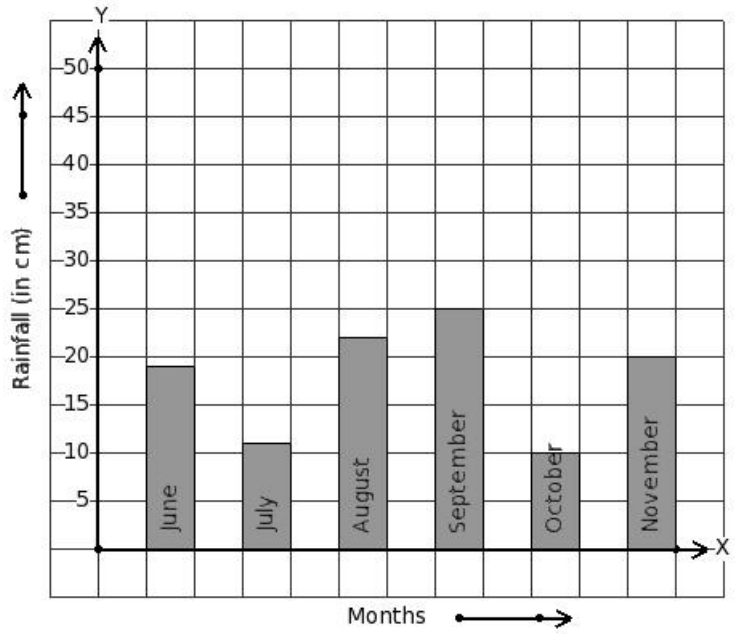
29. Read the given column-graph.
Find the month that has minimum rainfall.



(i) September (ii) August (iii) October (iv) July (v) November

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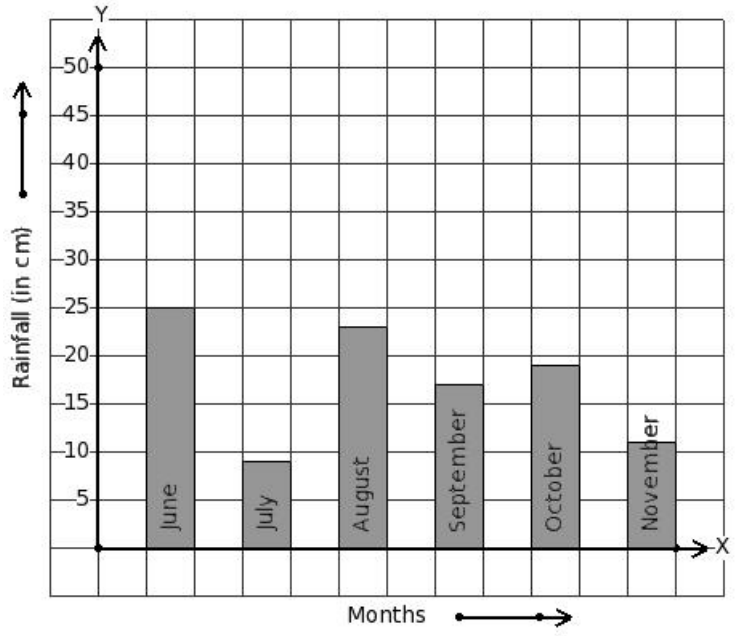
30. Read the given column-graph.
Find the month that has 11 cm rainfall.



(i) July (ii) October (iii) November (iv) August (v) September

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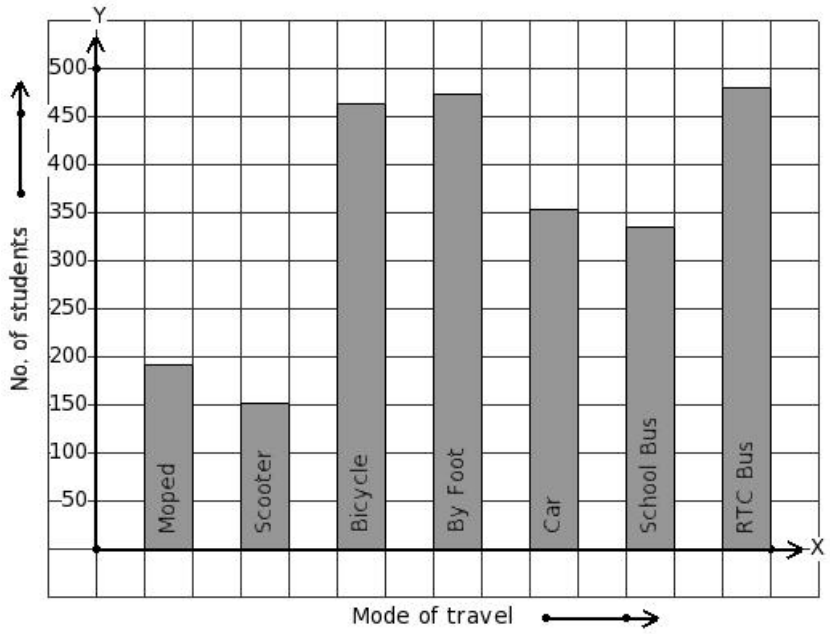
31. Students from a certain locality use different modes of travel to school as given below.
Find the mode of travel that has maximum students.



(i) Car (ii) By Foot (iii) Scooter (iv) Moped (v) RTC Bus

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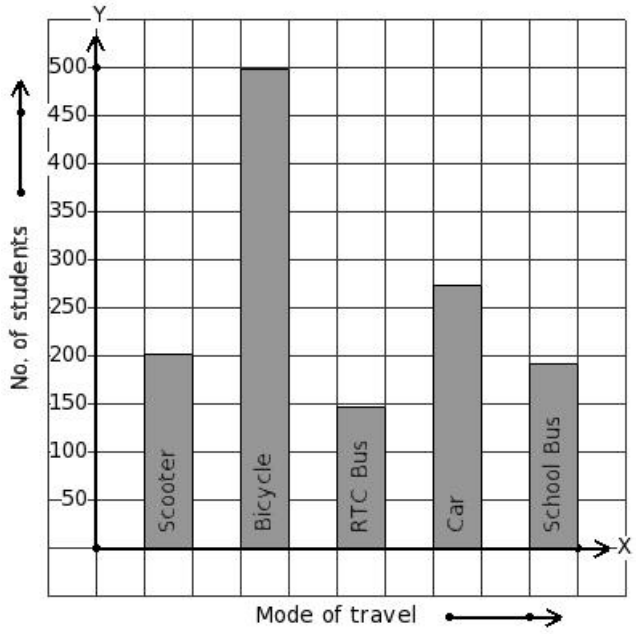
32. Students from a certain locality use different modes of travel to school as given below.
Find the mode of travel that has minimum students.



(i) Car (ii) RTC Bus (iii) Bicycle (iv) School Bus (v) Scooter

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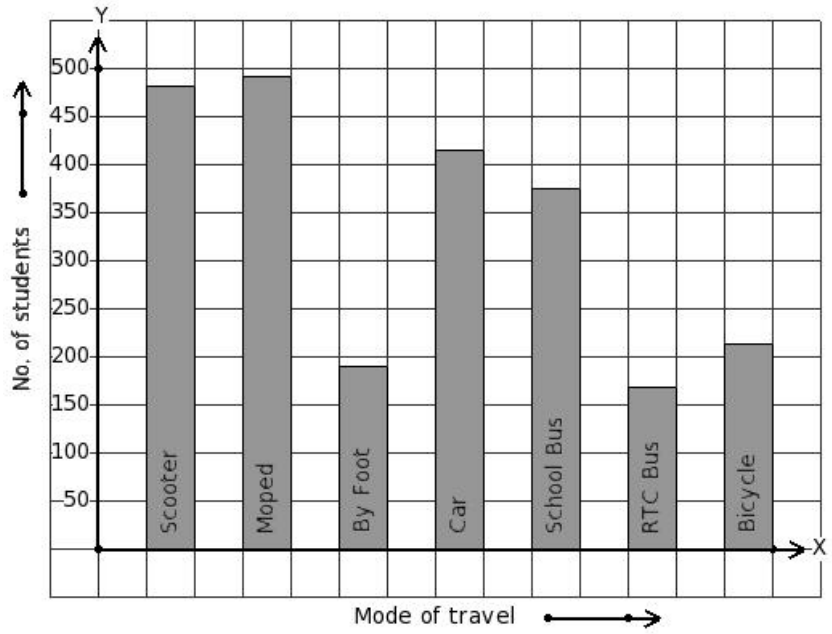
33. Students from a certain locality use different modes of travel to school as given below.
Find the mode of travel that has 491 students.



(i) Moped (ii) RTC Bus (iii) Car (iv) Bicycle (v) Scooter

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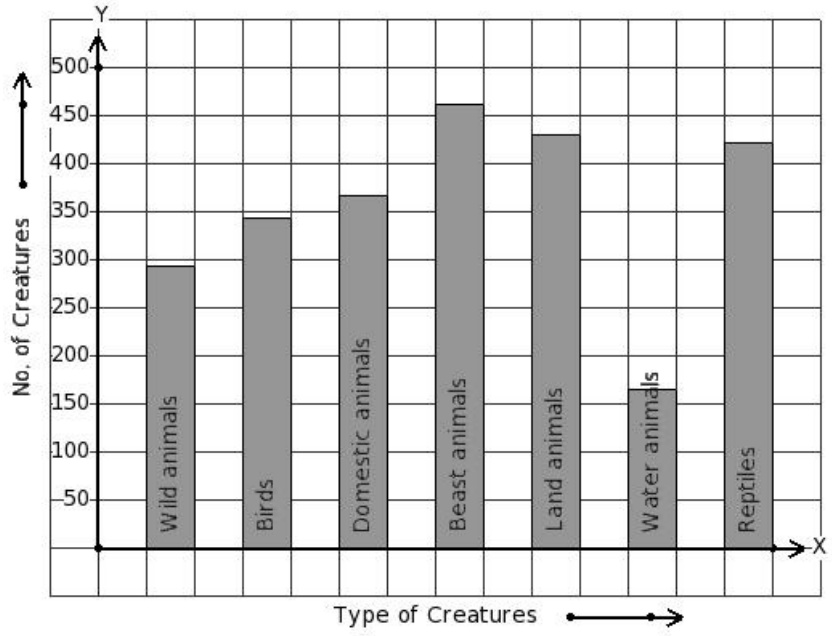
34. There are certain creatures in a zoo.
Find the type of creature that has maximum presense in the zoo.



(i) Beast animals (ii) Reptiles (iii) Domestic animals (iv) Water animals (v) Land animals

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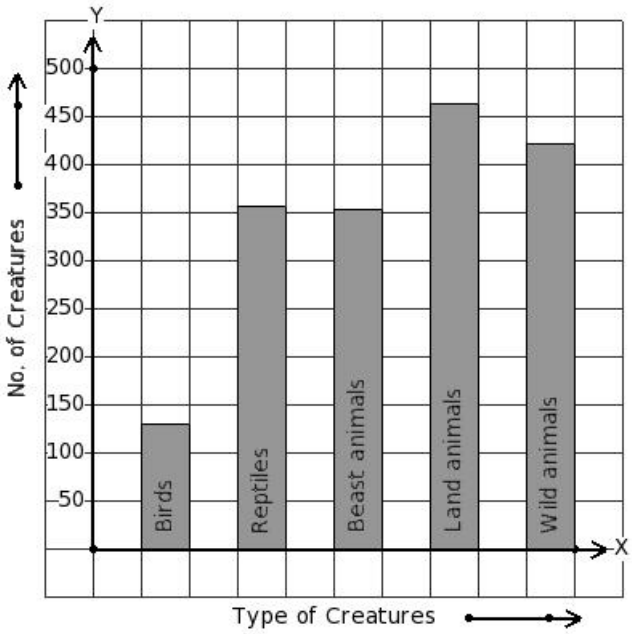
35. There are certain creatures in a zoo.
Find the type of creature that has minimum presense in the zoo.



(i) Reptiles (ii) Wild animals (iii) Beast animals (iv) Land animals (v) Birds

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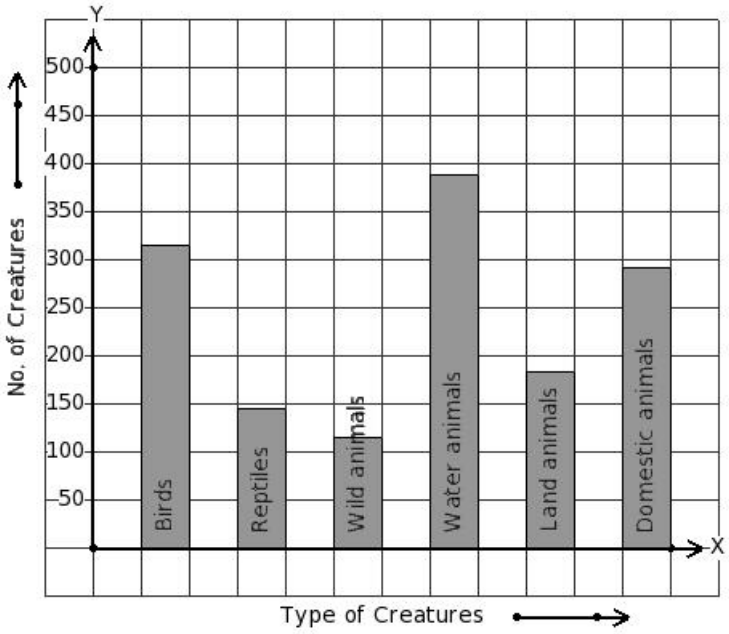
36. There are certain creatures in a zoo.
Find the type of creature that has 388 creatures presense in the zoo.



(i) Wild animals (ii) Water animals (iii) Reptiles (iv) Land animals (v) Domestic animals

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37. In a bar diagram the value represented by a rectangle is proportional to its

(i) length (ii) breadth (iii) area (iv) perimeter

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38. 990 students from a certain locality use different modes of travel to school as given below.

Mode of travel	Scooter	Moped	Auto	School Bus	School Van	RTC Bus	Bicycle	By Foot
No. of Students	81	126	153	162	144	135	90	99

Find the number of students whose travelling mode is School Bus .

(i) 165 (ii) 160 (iii) 162 (iv) 163 (v) 161

Assignment Key

1) (i)
2) (iv)
3) (i)
4) (iii)
5) (v)
6) (v)
7) (iv)
8) (i)
9) (ii)
10) (v)
11) (v)
12) (iii)
13) (v)
14) (i)
15) (i)
16) (i)
17) (i)
18) (i)
19) (iii)
20) (iv)
21) (v)
22) (iii)
23) (i)
24) (iv)
25) (iii)
26) (i)
27) (i)
28) (i)
29) (iii)
30) (iii)
31) (v)
32) (ii)
33) (i)
34) (i)
35) (v)
36) (ii)
37) (i)
38) (iii)