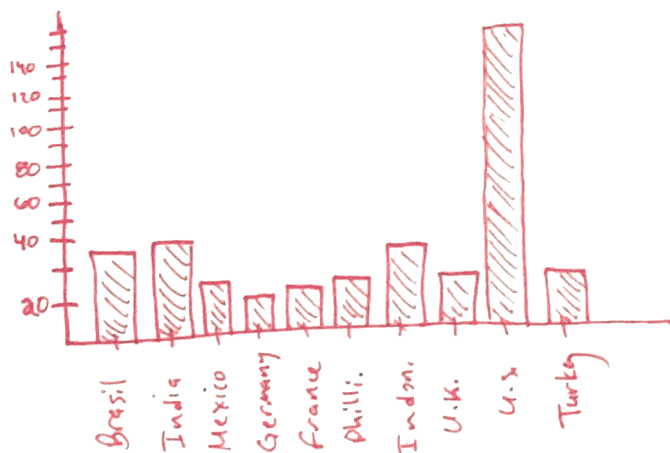


name: Solution

1 (10 points). A report on Facebook suggests that Facebook apps can generate large amounts of money, as much as \$1 million a month. The following table gives the numbers of Facebook users by country for the top 10 countries based on the number of users:

| Country | Users (in millions) |
|----------------|---------------------|
| Brazil | 29.30 |
| India | 37.38 |
| Mexico | 29.80 |
| Germany | 21.46 |
| France | 23.19 |
| Philippines | 26.87 |
| Indonesia | 40.52 |
| United Kingdom | 30.39 |
| United States | 155.74 |
| Turkey | 30.36 |

- Use a bar graph to describe the numbers of users in these countries.
- Do you think that the United States is an outlier in this data set? Explain your answer.
- Describe the major features of your graph in a short paragraph.



(b) The U.S. would be an outlier. The range of the other countries lies between 20 & 40 while the U.S. is at 155.

(c) This bar graph shows that the number of Facebook users are largely flat across the countries with one exception, the U.S.