QUESTION 1 -

Your Friend has developed the Product and he wants to establish the product startup and he is searching for a perfect location where getting the investment has a high chance. But due to its financial restriction, he can choose only between three locations - Bangalore, Mumbai, and NCR. As a friend, you want to help your friend deciding the location. NCR include Gurgaon, Noida and New Delhi. Find the location where the most number of funding is done. That means, find the location where startups has received funding maximum number of times. Plot the bar graph between location and number of funding. Take city name "Delhi" as "New Delhi". Check the case-sensitiveness of cities also. That means, at some place instead of "Bangalore", "bangalore" is given. Take city name as "Bangalore". For few startups multiple locations are given, one Indian and one Foreign. Consider the startup if any one of the city lies in given locations.

ANSWER -

Bangalore 635
Mumbai 449
New Delhi 389
Gurgaon 241
Noida 79

EXPLANATION -
In this problem first we have dropped NaN values from city locations using dropna function and corrected their name using replace function .
For few startups in a row multiple locations is given so we splitted the row on '/' and selected indian locations in our column using apply function.
So we have to count the city where maximum funding is done and we have done this by value_counts() function which will return the count of each city in cityLocation columns the first value will be the maximum and in our case it is Bangalore.
And finally we have plotted our graph for the given cities and their counts.

GRAPH -