Use the dataset titled *HousePrices.csv*.

1. Write a function that takes SqFt and Brick (Yes or No) as inputs and returns the average price of all the houses which are less than or equal to the square feet and match the Brick type provided as arguments in the function. For example, if the function has 2000 and "No" as inputs, it should return the average of non-brick houses which are less than or equal to 2000 square feet in size.
2. Write another function which also takes "Neighborhood" as an input in addition to SqFt and Brick as in (1).
3. Create a histogram of Price by changing the default values of several arguments of hist function. Your output should have proper title, axes labels and reasonable number of bins.
4. Write a function that takes Bedrooms as an input and returns the average price of all the houses which have that many bedrooms by using FOR loop.
5. Write a function that takes Bedrooms as an input and returns the average price of all the houses which have that many bedrooms by using WHILE loop.