Python Basic Level test

1) Write a code in Python to get the amount alone from the following string:

amt_desc = 'My earnings per month is Rs.250000'

A. Please see the code snippet given below and answer the questions

```
In [1]: import copy

        list1             =  ['a', [1, 2, 3, 4, 5], 'z', 0]
        list1_copy        =  copy.deepcopy(list1)
        list1_copy[1][1]  =  9

        if  list1         == list1_copy:
            print("\nTwo lists are identical")
        else:
            print("\nTwo lists are not identical.")

        print(list1, list1_copy)
```

2) Write the output from the above code snippet

B. Please see the code snippet given below and answer the questions:

```
In [1]: import      random, string

In [2]: First_name  =  ['Arya','Isha','Praveen','Gina','Dhanis','Deepti','Durvik','Aslesha',\
                       'Durvik','Saranya']
        Last_name   =  []
        Age         =  []
        Gender      =  []
        Income      =  []

        for i in range (10):
            Last_name.append(random.choice(random.choice(string.ascii_uppercase)))
            Age.append(str(random.choice(list(range(21, 66)))))
            Gender.append(random.choice(['M', 'F']))
            Income.append(str(round(float(random.random()) * 100000,0)))
```

3) Create a dictionary, my_dict in Python using the lists, First_name, Last_name, Age, Gender and Income.
4) How do you get the keys of this dictionary, my_dict?
5) Create a data frame, my_df using the dictionary, my_dict
6) Convert Age and Income to numeric variables
7) Create a csv file from Pandas dataframe, my_df and omit index values
8) Draw boxplot for Income grouped by Gender, a categorical variable using seaborn