2306 AML 117 MAHESH BABU ASSIGNMENT 7

Q1

In [1]:
```
import math
a= [1, 2, -8, -2, 0]
a.sort ()
print(a[1])
```

```
-2
```

Q2

In [2]:
```
text = input('Enter a string: ')
newtext = text[-1]+text[1:-1]+text[0]
print('New string:', newtext)
```

```
Enter a string: MAHESH BABU
New string: UAHESH BABM
```

Q3

In [8]:
```
def find_longest_word(words_list):
    word_len = []

    for n in words_list:
        word_len.append((len(n), n))
    word_len.sort()
    #print(word_len)
    return word_len[-1][0], word_len[-1][1]

result = find_longest_word(["manpower", "nizamsagar", "factorial","Set"])

print("Longest word: ",result[1])

print("Length of the longest word: ",result[0])
```

```
Longest word:  nizamsagar
Length of the longest word:  10
```

Q4

In [5]:
```
String=input("enter string:")
n= (5)

a=[String]
print(a)
b=String[0:n]
c=String[n+1:]
print(b+c)
```

```
enter string:mahesh babu
['mahesh babu']
mahes babu
```

Q5

In [9]:
```
d = {1: 10, 2: 20, 3: 30, 4: 40, 5: 50, 6: 60}
```

In [13]:
```
def key  (d,key):
    if key in d:
        print("key is Present, ", end =" ")
        print("value =", d[key])
    else:
        print("key is Not present")
# is_key_present(5)
# is_key_present(9)
key1=d.get(5)
key2=d.get(9)
print('Key is present in the dictionary  value is ',key1)
print ('key ia not peresent in the dictionary',key2)
```

```
Key is present in the dictionary  value is  50
key ia not peresent in the dictionary None
```

In [ ]:
```
```