

Question 1

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

```
[1, 2, -8, -2, 0]
-2
```

Question 2

```
In [16]: def str_Exchange(a):

    front=a[0]
    i=len(a)-1
    end=a[i]
    middle=a[1:i]
    str2=end+middle+front
    return str2

str = input('Enter a string: ')
print(str_Exchange(str))
```

```
Enter a string: yashasri
iashasry
```

Question 3

```
In [4]: z= 'I would have stopped if I had seen the sign'
c=z.split()
print(c)
y=[]
for i in c:
    y.append(len(i))
print(y)
y.sort()
print(y[-1])
```

```
['I', 'would', 'have', 'stopped', 'if', 'I', 'had', 'seen', 'the', 'sign']
[1, 5, 4, 7, 2, 1, 3, 4, 3, 4]
7
```

Question 4

```
In [10]: a='python programm'

b=int(input('Enter a index value to remove from string: '))
c=''
if b<=len(a)-1:
    for i in range(0,len(a)):
        if (i != b):
            c+=a[i]
else:
```

```
print("Index Out of Range")  
print(c)
```

Enter a index value to remove from string: 8
python pogramm

Question 5

```
In [17]: def is_key_present(a,c):  
  
         if (a in c):  
             return print('Key is present in dictionary')  
         else:  
             return print('Key is not present in dictionary')  
  
d={1:10,2:20,3:30,4:40,5:50,6:60}  
b=d.keys()  
is_key_present(5,b)  
is_key_present(9,b)
```

Key is present in dictionary
Key is not present in dictionary

In []: