

```
1 #QUESTION-1
2 mystr="Python is a case sensitive language"
3
4 #Q-1(a)
5 print(len(mystr))
6
7 #Q-1(b)
8 print(mystr[::-1])
9
10 #Q-(c)
11 print(mystr[10:26])
12
13 #Q-1(d)
14 print(mystr.replace("a case sensitive","object
    oriented"))
15
16 #Q-1(e)
17 print(mystr.find("a"))
18
19 #Q-1(f)
20 p=mystr.replace(' ','')
21 print('white_spaces_removed=',p)
22
23
24
25 #####
    #
26 #QUESTION-2
27 def personal_details():
28     My_name="Ravishankar kumar"
29     SID="21104128"
30     My_department_name="Electrical engineering"
31     And_my_cgpa=9.9
32     print("My_name: {}\nSID: {}\nMy_department_name
        : {}\nAnd_my_cgpa: {}".format(My_name,SID,
        My_department_name,And_my_cgpa))
33
34 personal_details()
35
36
37
```

```
38 #####
39 #QUESTION-3
40
41 #Q-3(a)
42 a=56
43 b=10
44 print(a&b)
45
46 #Q-3(b)
47 print(a/b)
48
49 #Q-3(c)
50 print(a^b)
51
52 #Q-3(d)
53 print(a<<2)
54 print(b<<2)
55
56 #Q-3(e)
57 print(a>>2)
58 print(b>>2)
59
60
61
62 #####
63 #QUESTION-4
64 n1=int(input('enter 1st number:'))
65 n2=int(input('enter 2nd number:'))
66 n3=int(input('enter 3rd number:'))
67 largest=n1
68 for i in [n1,n2,n3]:
69     if largest<i:
70         largest=i
71     print('largest numbere is:',largest)
72
73
74
75 #####
76 #QUESTION-5
77 x=str(input('enter name:'))
78 found='No'
```

```
79 for i in ['Ram', 'Ravi', 'Shyam', 'Gita', 'Sita', 'Raju']:
80     if x==i:
81         found='yes'
82     print(found)
83
84
85
86 *****#*****#*****#
87 #QUESTION-6 :-To check if a tringle can formed by
given three length
88
89 a=int(input('side a:'))
90 b=int(input('side b:'))
91 c=int(input('side c:'))
92 outcome='No'
93 if (a+b>c) & (b+c>a) & (c+a>b):
94     outcome='Yes'
95     print(outcome)
```