

task_python1

March 6, 2023

q1:-ans

```
[20]: test_dict = [1,2,3,4, [44,55,66, True], False, (34,56,78,89,34), {1,2,3,3,2,1},  
↳ {1:34, "key2": [55, 67, 78, 89], 4: (45,  
22, 61, 34)}], [56, 'data science'], 'Machine Learning']
```

```
[ ]: res = []  
for a, b, c in zip(*test_dict.values()):  
    if a.isdigit() :  
        res.append((a, b, c))  
print("The Numerical values : " + str(res))
```

q2:ans:-

```
[1]: input='I want to become a data scientist'
```

```
[2]: input
```

```
[2]: 'I want to become a data scientist'
```

```
[30]: encrypt='I want to become a data scientist'  
dict={'a':'x','b':'y','c':'z'}  
encrypt1=encrypt.lower()  
num=encrypt1[::1]  
for i in dict:  
    num = num.replace(i, dict[i])  
print(num.replace(" ", ""))
```

iwxnttoyezomexdxtxsziientist

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[ ]:
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[ ]:
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