

1st Question

```
In [5]: import random as r
letter=input("Enter a letter: ")
a=r.randint(0,10)
print(letter*a)
```

Enter a letter: f
ffffffff

2nd Question

```
In [19]: import random as r
count=0
for i in range(0,10000):
    dice_1=r.randint(1,6)
    dice_2=r.randint(1,6)
    dice_3=r.randint(1,6)
    dice_4=r.randint(1,6)
    dice_5=r.randint(1,6)
    if(dice_1==dice_2==dice_3==dice_4==dice_5):
        count+=1
percentage=(count/10000)*100
print("Total Number of Yahtzee: ",count)
print("Percentage of Yahtzee:", percentage)
```

Total Number of Yahtzee: 5
Percentage of Yahtzee: 0.05

3rd Question

```
In [9]: sen=input("Enter a secentence: ")
rem=sen.replace(' ', '')
print(rem.upper())
```

Enter a secentence: hi hello welcome
HIHELLOWELCOME

4th Question

```
In [15]: st=input("Enter a string: ")
x=len(st)
y=''
if(x>=5):
    new=st+'***'
else:
    for i in range(x,5):
        y+='!'
    new=st+y
print(new)
```

Enter a string: hii
hii!!

5th question

```
In [20]: my_str=input("Enter a String: ")
         b=my_str.split()
         print(b)
         for i in b:
             print(i[0])
```

```
Enter a String: good morning welcome to python programming
['good', 'morning', 'welcome', 'to', 'python', 'programming']
g
m
w
t
p
p
```

```
In [ ]:
```