

Ans1: #sum of numbers in a list

```
def fun():
    x=int(input("Enter a number"))
    numbers=[]
    for i in range(0,x):
        num=int(input())
        numbers.append(num)
    n=len(numbers)

    sum=0
    for i in range(n):
        sum=sum+numbers[i]
    return sum
print(fun())
```

Ans 2:

```
def fun():

    dict={'1':43,'2':101,'3':10,'4':87}
    maxi=max(dict,key=dict.get)
    print("{n\t","\"",maxi,"\"",":",dict[maxi],"n}")
fun()
```

Ans 3:

```
def consec(arr,n):
    count=0
    result=0
    for i in range(0, n):
        if (arr[i]==0):
            count=0
        else:
            count+=1
            result=max(result,count)
    return result
arr=[0,0,0,1,1,1,0,0,0,1,1,0,1,1,1,1,0,0,1,1]
n=len(arr)
print(consec(arr,n))
```

Ans 4:

#Database creation using MySQL queries
create database details;

```
#Using the 'details' database
use details;
```

```
#create user entity(table)
Create table user( id int AUTO_INCREMENT,
                  username varchar(255),
                  password varchar(255),
                  Primary key(id));
```