

Q.// write a program to add of two number

```
#addition of two number  
a=int(input("enter the first number:"))  
b=int(input("enter the second number:"))  
c=a+b  
print(a,"+",b,"=",c)
```

output:

```
enter the first number:4  
enter the second number:5  
4 + 5 = 9
```

Q.//write a program to find the remainder when divided by 2

```
#remainder of any number  
a=int(input("enter the number:"))  
print("the remainder is",a%2)
```

output:

```
enter the number:7  
the remainder is 1
```

Q.// write a program to find the type of variable

```
#type of variable  
a=input("enter the any thing:")  
print(type(a))
```

output:

```
enter the any thing:hibban  
<class 'str'>
```

Q.//write a program to find the greater number

```
#checking the operators condition  
a=int(input("enter the first number:"))  
b=int(input("enter the second number:"))  
if a>b:  
    print(a,"is greater than",b)  
elif a==b:  
    print(a,"is equal to",b)
```

else:

print(a,"is less than ",b)

output:

```
enter the first number:44
enter the second number:88
44 is less than 88
```

Q.//write a program to find the average of two number

#average of two numbers

a=int(input("enter the first number:"))

b=int(input("enter the second number:"))

print("the average of",a,"and",b,"is",(a+b)/2)

output:

```
enter the first number:44
enter the second number:33
the average of 44 and 33 is 38.5
```

Q.//write a program to find the square of number

#square of the number

a=int(input("enter the number:"))

print("the square of",a,"is",a\*\*2)

output:

```
enter the number:32
the square of 32 is 1024
```

Q. #Write a Python program to display a user-entered name followed by Good Afternoon using input() function

name=input("enter the name:")

print("Good Afternoon "+name)

output:

```
enter the name:hibbanur rahman
Good Afternoon hibbanur rahman
```

Q. #Write a program to fill in a letter template given below with name and date.

name=input("enter the name:")

print("""letter="\n Dear ""'+name,""

You are selected!

Date:14/10/22

```
""")
```

Output:

```
enter the name:hibbanur rahman
letter= Dear hibbanur rahman
          You are selected!
          Date:14/10/22
```

Q. #Write a program to detect double spaces in a string.

```
a=input("enter the any string:")
b=a.count(" ")
print("the double spaces in ",a," is ",b)
```

output:

```
enter the any string:hibbanur  rahman  is looser  boy
the double spaces in  hibbanur  rahman  is looser  boy    is 4
```

Q. #Replace the double spaces from problem 3 with single spaces.

```
a.replace(" "," ")
print(a)
```

output:

```
enter the any string:hibbanur  rahman  is looser  boy
the double spaces in hibbanur  rahman  is looser  boy    is 4
hibbanur  rahman  is looser  boy
```

Q.// #Write a program to format the following letter using escape sequence characters

```
print("letter=","\Dear "+name,"This python course in nice.Thanks!!\")
```

output:

```
letter= "Dear hibbanur rahman This python course in nice.Thanks!!"
```

Q. # write a program to store seven fruits in a list entered by the user.

```
b=[]
for x in range(0,7):
    a=input("enter the fruits name:")
    b.append(a)
```

```
print("the list is:")
```

```
print(b)
```

output:-

```
enter the fruits name:apple
enter the fruits name:banana
enter the fruits name:mango
enter the fruits name:orange
enter the fruits name:gawawa
enter the fruits name:grapes
enter the fruits name:pineapple
the list is:
['apple', 'banana', 'mango', 'orange', 'gawawa', 'grapes', 'pineapple']
```

Q. # write a program to accept marks of 6 students and display them in a sorted manner

```
marks=[]
```

```
for x in range(0,6):
```

```
    print("enter the marks of",x+1,"th student:")
```

```
    a=input()
```

```
    marks.append(a)
```

```
list.sort(marks)
```

```
print(marks)
```

output:-

```
enter the marks of 1 th student:
43
enter the marks of 2 th student:
21
enter the marks of 3 th student:
44
enter the marks of 4 th student:
23
enter the marks of 5 th student:
45
enter the marks of 6 th student:
20
['20', '21', '23', '43', '44', '45']
```

Q. #write a program to sum a list with 4 numbers

```
number=[]
```

```
sum=0
```

```
print("enter the numbers:")
```

```
for x in range(0,4):
```

```
a=int(input())  
number.append(a)  
sum=sum+number[x]  
print("the sum of",number,"is ",sum)
```

output:

```
enter the numbers:  
3  
5  
2  
1  
the sum of [3, 5, 2, 1] is 11
```

Q. #write a program to count the number of zeroes in the following tuple

```
a=(7,0,8,0,0,9)  
b=a.count(0)  
print("the number in the tuple ",a,"is",b)
```

output:-

```
the number in the tuple (7, 0, 8, 0, 0, 9) is 3
```