

# assignment-4-12-03

Use the "Run" button to execute the code.

```
!pip install jovian --upgrade --quiet
```

```
import jovian
```

```
# Execute this to save new versions of the notebook  
jovian.commit(project="assignment-4-12-03")
```

Write a program to display whether the input is a digit or a letter of the alphabet.

```
n = input('Enter something: ')  
if n.isdigit():  
    print("Integer")  
else:  
    print('Alphabet')
```

Enter something: a

Alphabet

Write a program to accept a character and display its next and previous character.

```
num = input()  
print(chr(ord(num)-1))  
print(chr(ord(num)+1))
```

c

b

d

Write a program to accept a string from the user, delete all vowels from the string and display the result.

```
var = input('Enter the string')  
for i in var:  
    if i not in 'aeiouAEIOU':  
        print(i,end="")
```

Enter the stringhi prathm how are you

h prthm hw r y

**Write a program to accept three sides of a triangle as the input and print whether the triangle is valid or not.**

```
x,y,z = input().split()
x = int(x)
y = int(y)
z = int(z)
if (x+y) > z and (y+z) > x and (x+z) > y:
    print('Valid')
else:
    print('Invalid')
```

5 9 8

Valid

**Write a program to display the multiplication table of a given number.**

```
num = int(input('Enter a number : '))
for i in range (1,11):
    print(f"{num} * {i} = {num*i}")
```

Enter a number : 5

5 \* 1 = 5

5 \* 2 = 10

5 \* 3 = 15

5 \* 4 = 20

5 \* 5 = 25

5 \* 6 = 30

5 \* 7 = 35

5 \* 8 = 40

5 \* 9 = 45

5 \* 10 = 50

**Write a program to accept a string value from the user and accept a char value from the user and find out the**

total occurrence of the char value in the string value.  
Note that the count is not case-sensitive

```
a=input("Enter your string= ")  
b=input('To find Enter your character= ')  
print("Total count of",b,'is' ,a.count(b))
```

Enter your string= Hello Prathmesh Here,hey

To find Enter your character= h

Total count of h is 3