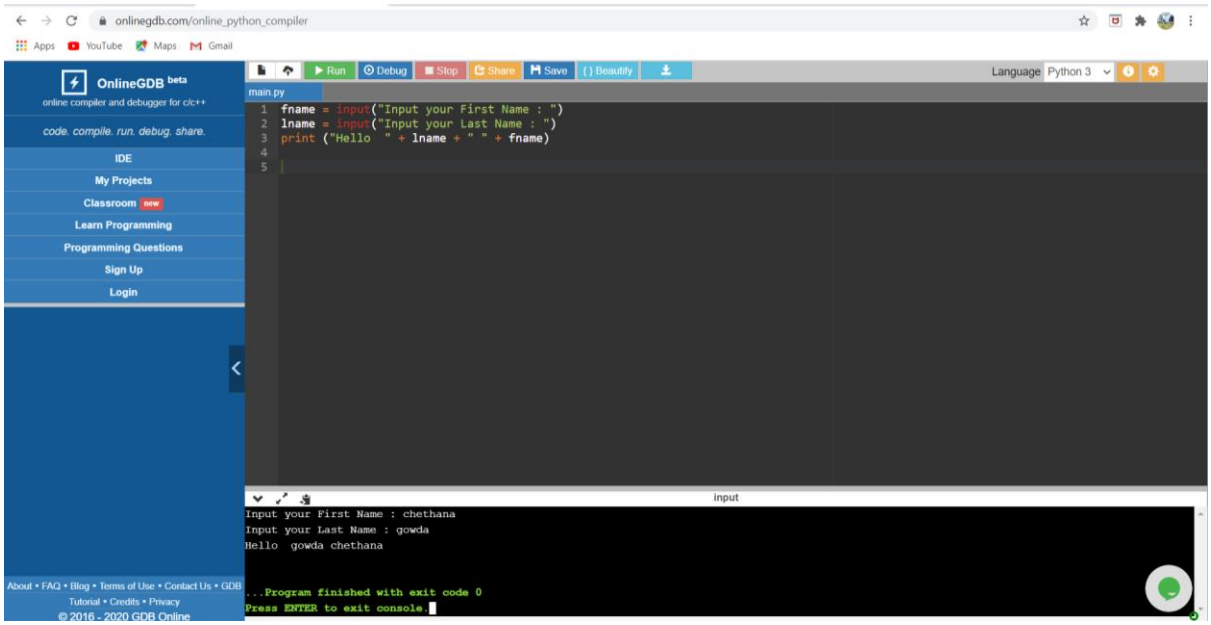
PROGRAM 1: Write a Python Program which accepts the user's first and last name print them in reverse order with a space between them.

```
fname = input("Input your First Name : ")
lname = input("Input your Last Name : ")
print ("Hello  " + lname + " " + fname)
```

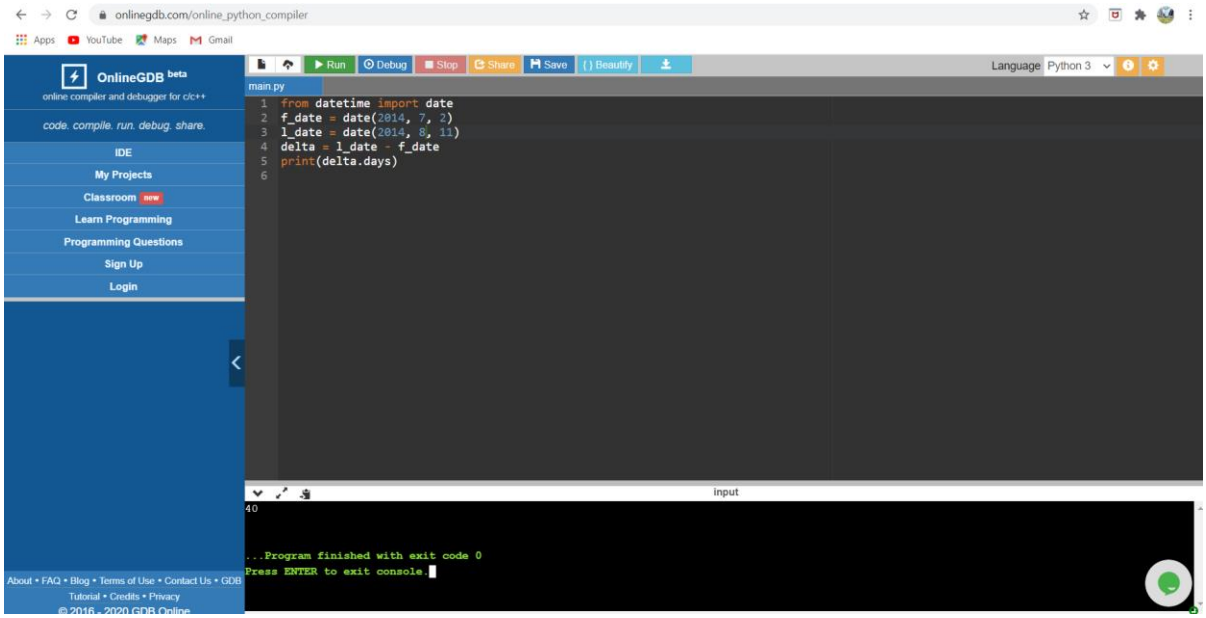
OUTPUT:



PROGRAM 2: Write a Python Program to calculate numbers of days between two dates.

```
from datetime import date
f_date = date(2014, 7, 2)
l_date = date(2014, 7, 11)
delta = l_date - f_date
print(delta.days)
```

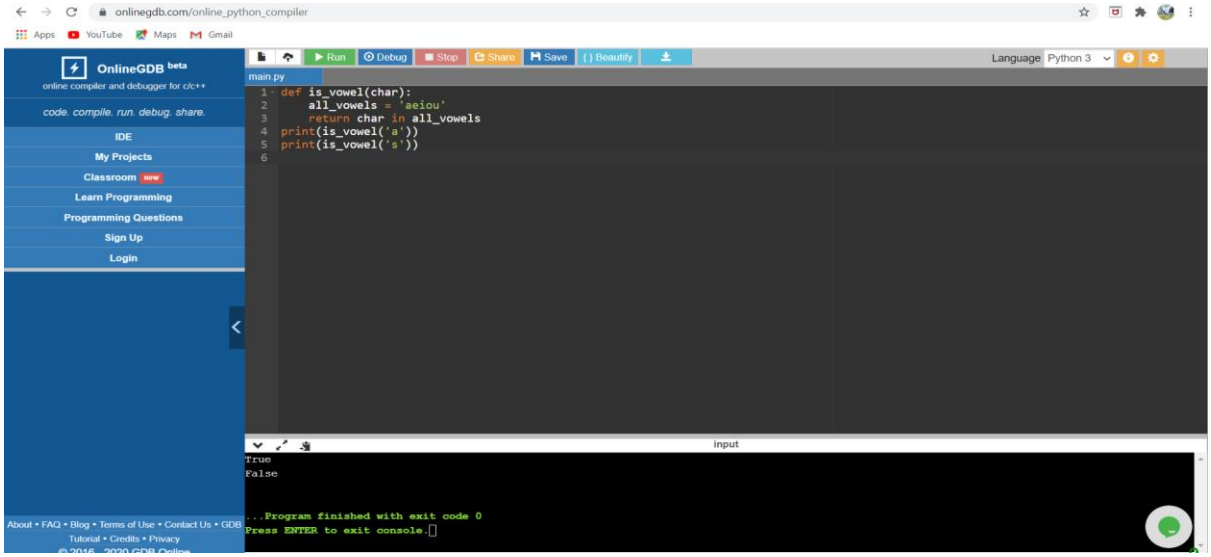
OUTPUT:



PROGRAM 3: Write a python program to test whether a passed letter is a vowel or not.

```
def is_vowel(char):
    all_vowels = 'aeiou'
    return char in all_vowels
print(is_vowel('s'))
print(is_vowel('a'))
```

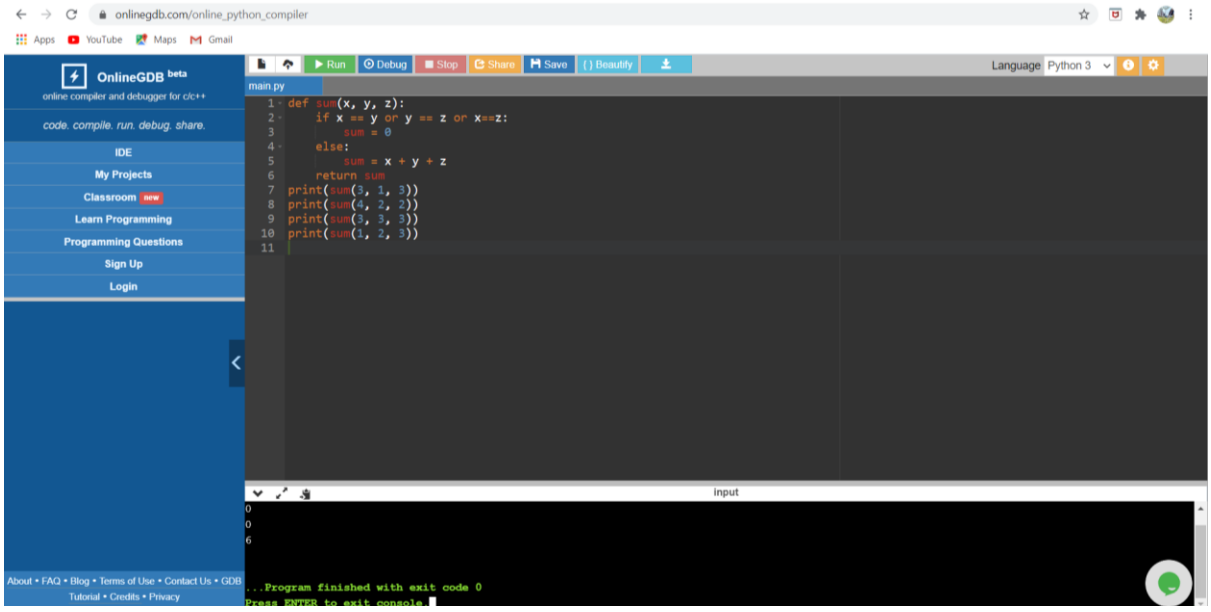
OUTPUT:



PYTHON PROGRAM 4: Write a python program to sum of three given integers. However, if two values are equal sum will be zero.

```
def sum(x, y, z):
    if x == y or y == z or x==z:
        sum = 0
    else:
        sum = x + y + z
    return sum
print(sum(3, 1, 3))
print(sum(4, 2, 2))
print(sum(3, 3, 3))
print(sum(1, 2, 3))
```

OUTPUT:



PROGRAM 5: Write a Python program to count the number of characters (character frequency) in a string.

```
def char_frequency(str1):
```

```
    dict = {}
    for n in str1:
        keys = dict.keys()
        if n in keys:
            dict[n] += 1
        else:
            dict[n] = 1
    return dict
print(char_frequency('shwethakhadri1999@gmail.com'))
```

OUTPUT: