ML Python Program 1 Assignment

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

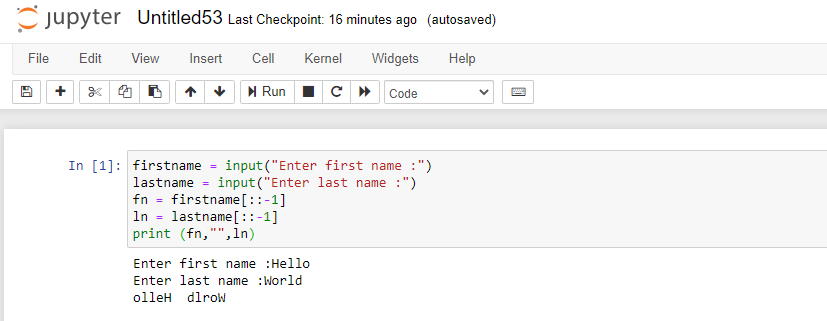
firstname = input("Enter first name :")

lastname = input("Enter last name :")

fn = firstname[::-1]

ln = lastname[::-1]

print (fn,"",ln)



2. Write a Python program to calculate number of days between two dates.

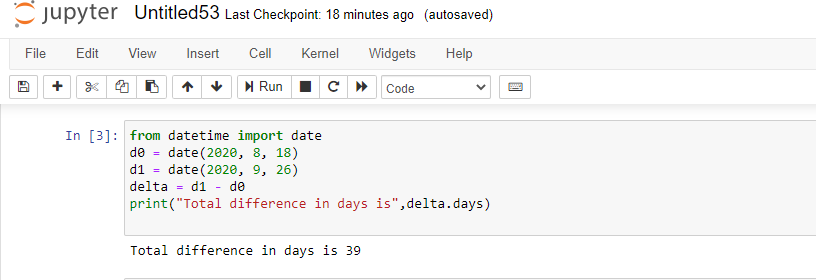
from datetime import date

d0 = date(2020, 8, 18)

d1 = date(2020, 9, 26)

delta = d1 - d0

print("Total difference in days is",delta.days)



3. Write a Python program to test whether a passed letter is a vowel or not .

ch = input(" Enter a Character : ")

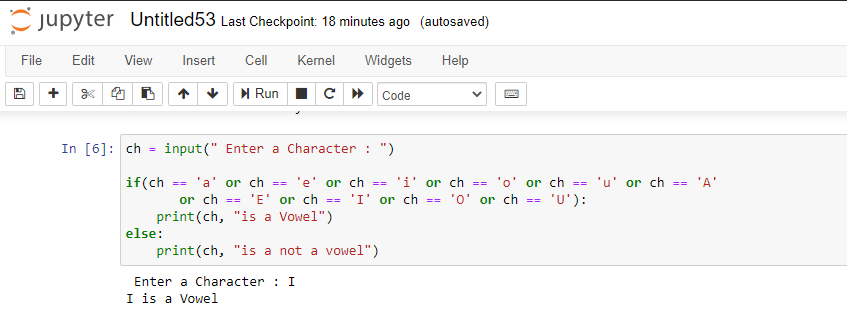
if(ch == 'a' or ch == 'e' or ch == 'i' or ch == 'o' or ch == 'u' or ch == 'A'

or ch == 'E' or ch == 'I' or ch == 'O' or ch == 'U'):

print(ch, "is a Vowel")

else:

print(ch, "is a not a vowel")



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

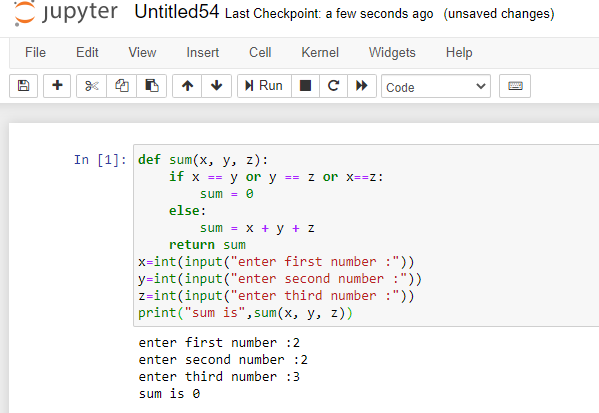
return sum

x=int(input("enter first number :"))

y=int(input("enter second number :"))

z=int(input("enter third number :"))

print("sum is",sum(x, y, z))



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

test\_str = input("Enter the string :")

all\_freq = {}

for i in test\_str:

if i in all\_freq:

all\_freq[i] += 1

else:

all\_freq[i] = 1

print ("Count of all characters is :\n " + str(all\_freq))

