

## ▼ Python Assignment 1

1. Write a program which will find all such numbers which are divisible by 7 but are not a multiple of 5, between 2000 and 3200 (both included). The numbers obtained should be printed in a comma-separated sequence on a single line.

```
1 for i in range(2000,3201):
2     if i%7==0 and i%5!=0:
3         print(i,end=",")
```

2002,2009,2016,2023,2037,2044,2051,2058,2072,2079,2086,2093,2107,2114,2121,2128,2142,2149

2. Write a Python program to accept the user's first and last name and then getting them printed in the the reverse order with a space between first name and last name.

```
1 firstName=input("Enter First Name:")
2 lastName=input("Enter Last Name:")
3 print(lastName+' '+firstName)
```



Enter First Name:Rohit  
Enter Last Name:Adusumilli  
Adusumilli Rohit

3. Write a Python program to find the volume of a sphere with diameter 12 cm. Formula:  $V = \frac{4}{3} * \pi * r^3$

```
1 #When diameter is 12 then radius is 6cm
2 import math
3 V= int((4/3)*math.pi*6*6*6)
4 print("Volume of a sphere with diameter 12cm : {} cm".format(V))
```

Volume of a sphere with diameter 12cm : 904 cm

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