#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.

In [17]:

```python
OY=[]
for  x in range (2000,3200):
    if (x%7==0):
            y=x
            if(y%5!=0):
                OY.append(str(y))
print(','.join(OY))
```

```
2002,2009,2016,2023,2037,2044,2051,2058,2072,2079,2086,2093,2107,2114,2121,2
128,2142,2149,2156,2163,2177,2184,2191,2198,2212,2219,2226,2233,2247,2254,22
61,2268,2282,2289,2296,2303,2317,2324,2331,2338,2352,2359,2366,2373,2387,239
4,2401,2408,2422,2429,2436,2443,2457,2464,2471,2478,2492,2499,2506,2513,252
7,2534,2541,2548,2562,2569,2576,2583,2597,2604,2611,2618,2632,2639,2646,265
3,2667,2674,2681,2688,2702,2709,2716,2723,2737,2744,2751,2758,2772,2779,278
6,2793,2807,2814,2821,2828,2842,2849,2856,2863,2877,2884,2891,2898,2912,291
9,2926,2933,2947,2954,2961,2968,2982,2989,2996,3003,3017,3024,3031,3038,305
2,3059,3066,3073,3087,3094,3101,3108,3122,3129,3136,3143,3157,3164,3171,317
8,3192,3199
```

#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.

In [18]:

```python
firstname = input("Input your First Name : ")
lastname  = input("Input your last Name : ")
print (lastname + " " + firstname)
```

```
Input your First Name : subhankar
Input your last Name : modumudi
modumudi subhankar
```

Write a Python program to find the volume of a sphere with diameter 12 cm. Formula: V=4/3 * π * r 3

In [19]:

```python
import math
pi = math.pi
r = float(12/2)
V = (float(4/3)*(pi)*(r)**3)
print(V)
```

```
904.7786842338603
```

Write a program which accepts a sequence of comma-separated numbers from console and generate a list.

In [20]:

```python
l = str(input())
hh = l.split(',')
print(hh)
```

```
1,2,5,4,l,k
['1', '2', '5', '4', 'l', 'k']
```

Create the below pattern using nested for loop in Python.

*

- *

- * *

In [21]:

```python
n=5;
for i in range(1,5):
    for j in range(i):
        print ('* ', end="")
    print()


for i in range(n,0,-1):
    for j in range(i):
        print('* ', end="")
    print()
```

```
*
* *
* * *
* * * *
* * * * *
* * * *
* * *
* *
*
```

write a python programme after accepting input from the user

In [23]:

```python
word = input("Input a word to reverse: ")

for subbu in range(len(word)-1,-1,-1):
  print(word[subbu], end="")
print("\n")
```

```
Input a word to reverse: Ineuron
noruenI
```

#Write a Python Program to print the given string in the format specified in the sample output. WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a SOVEREIGN, SOCIALIST, SECULAR, DEMOCRATIC REPUBLIC and to secure to all its citizens

In [16]:

```python
string = 'WE, THE PEOPLE OF INDIA,{}having solemnly resolved to constitute India into a SOV
print(string.format('\n\t','!\n\t\t','\n\t\t'))
```

```
WE, THE PEOPLE OF INDIA,
        having solemnly resolved to constitute India into a SOVEREIGN,!
                SOCIALIST, SECULAR, DEMOCRATIC REPUBLIC
                and to secure to all its citizens
```

In [ ]: