

```
In [3]: r1=[]
for x in range(2000, 3200):
    if (x%7==0) and (x%5==0):
        r1.append(str(x))
print ('.'.join(r1))
```

2030,2065,2100,2135,2170,2205,2240,2275,2310,2345,2380,2415,2450,2485,2520,2555,2590,2625,2660,2695,2730,2765,2800,2835,2870,2905,2940,2975,3010,3045,3080,3115,3150,3185

```
In [1]: raj = [i for i in range(2000, 3201) if i % 7 == 0 if i % 5 != 0]
print(raj)
```

[2002, 2009, 2016, 2023, 2037, 2044, 2051, 2058, 2072, 2079, 2086, 2093, 2107, 2114, 2121, 2128, 2142, 2149, 2156, 2163, 2177, 2184, 2191, 2198, 2212, 2219, 2226, 2233, 2247, 2254, 2261, 2268, 2282, 2289, 2296, 2303, 2317, 2324, 2331, 2338, 2352, 2359, 2366, 2373, 2387, 2394, 2401, 2408, 2422, 2429, 2436, 2443, 2457, 2464, 2471, 2478, 2492, 2499, 2506, 2513, 2527, 2534, 2541, 2548, 2562, 2569, 2576, 2583, 2597, 2604, 2611, 2618, 2632, 2639, 2646, 2653, 2667, 2674, 2681, 2688, 2702, 2709, 2716, 2723, 2737, 2744, 2751, 2758, 2772, 2779, 2786, 2793, 2807, 2814, 2821, 2828, 2842, 2849, 2856, 2863, 2877, 2884, 2891, 2898, 2912, 2919, 2926, 2933, 2947, 2954, 2961, 2968, 2982, 2989, 2996, 3003, 3017, 3024, 3031, 3038, 3052, 3059, 3066, 3073, 3087, 3094, 3101, 3108, 3122, 3129, 3136, 3143, 3157, 3164, 3171, 3178, 3192, 3199]

```
In [6]: fstname = input("Input your First Name : ")
lstname = input("Input your Last Name : ")
print ("Hello Mr " + lstname + " " + fstname)
```

Input your First Name : Rajsekhar
Input your Last Name : Mohan Rao
Hello Mr Mohan Rao Rajsekhar

```
In [4]: pi = 22/7
Dia = 12
radius = Dia/2
volume = 4.0/3.0*pi* radius**3
print('The Volume of sphere->Dia=12 is equal to',volume)
```

The Volume of sphere->Dia=12 is equal to 905.142857142857

In []: