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.

In [5]:

for i in range(2000,3201):

if i%7==0 and i%5!=0:

print(i,end=',')

output= `

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,

1. 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 [39]:

f= str(input("first name of user "))[::-1]

l = str(input("last name of user "))[::-1]

print(f,end =" ")

print(l)

first name of user mohit

last name of user kumar

output = tihom ramuk

1. Write a Python program to find the volume of a sphere with diameter 12 cm.

Formula: V=4/3 π r 3

In [9]:

import math

pi = math.pi

r = 12/2

v = (4/3)\*(pi)\*(r\*\*3)

print(v)

output =

904.7786842338603

In [ ]: