Question 1

In [10]:

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

```
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
```

Question 3

In [13]:

```python
diameter = 12
r = diameter/2
V = 4/3*22.7*r*r*r
print(V, 'cubic centimeter')
```

```
6537.599999999999 cubic centimeter
```

Question 2

In [15]:

```python
first_name = input("Enter your first name")[::-1]
last_name = input("Enter your last name")[::-1]
print(last_name,'',first_name)
```

```
Enter your first namemeghna
Enter your last namerijhwnai
ianwhjir  anhgem
```