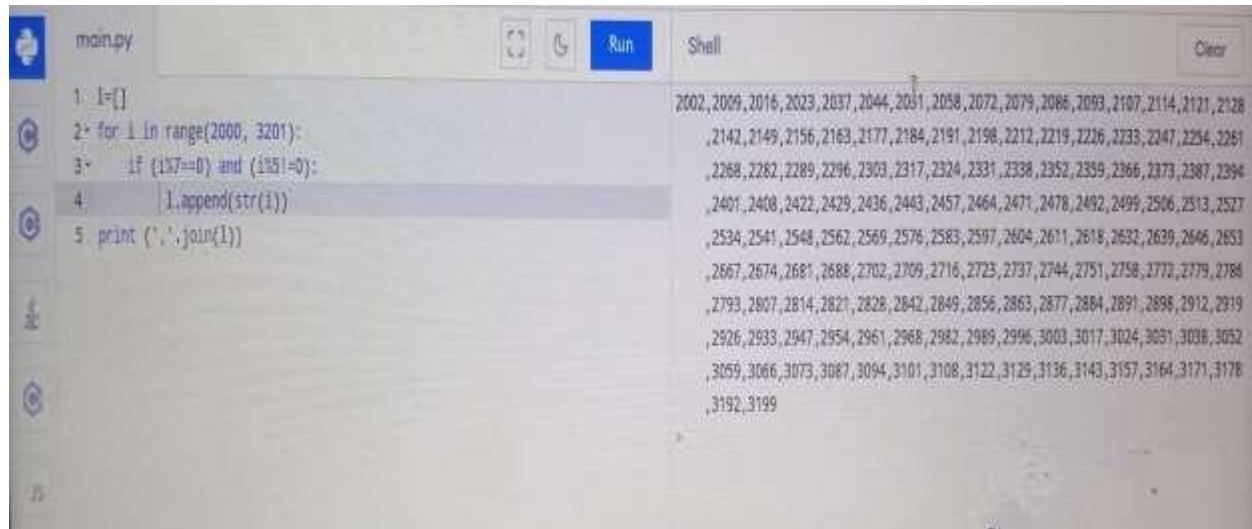# ASSIGNMENT-I

Team ID	PNT2022TMID14463
Date	2022
Project Name	Real Time Communication System Powered By AI For Specially Abled
Roll NO	711319EC107

Solution:

```
l=[]
for i in range(2000, 3201):
    if (i%7==0) and (i%5!=0):
        l.append(str(i))
print (','.join(l))
```

OUTPUT


```
main.py                          Run    Shell                                                          Clear
1  l=[]                               2002,2009,2016,2023,2037,2044,2051,2058,2072,2079,2086,2093,2107,2114,2121,2128
2  for i in range(2000, 3201):            ,2142,2149,2156,2163,2177,2184,2191,2198,2212,2219,2226,2233,2247,2254,2261
3      if (i%7==0) and (i%5!=0):          ,2268,2282,2289,2296,2303,2317,2324,2331,2338,2352,2359,2366,2373,2387,2394
4          l.append(str(i))              ,2401,2408,2422,2429,2436,2443,2457,2464,2471,2478,2492,2499,2506,2513,2527
5  print (','.join(l))                   ,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-2:

With a given integral number n, write a program to generate a dictionary that contains (i, i*i) such that is an integral number between 1 and n (both included). and then the program should print the dictionary.

Suppose the following input is supplied to the program:8

Then, the output should be:

{1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64}

Solution

```
number = int(input("Type a number : "))

numberDict = { }
for i in range (1,number+1):

    numberDict[i] = i*i
print(numberDict)
```
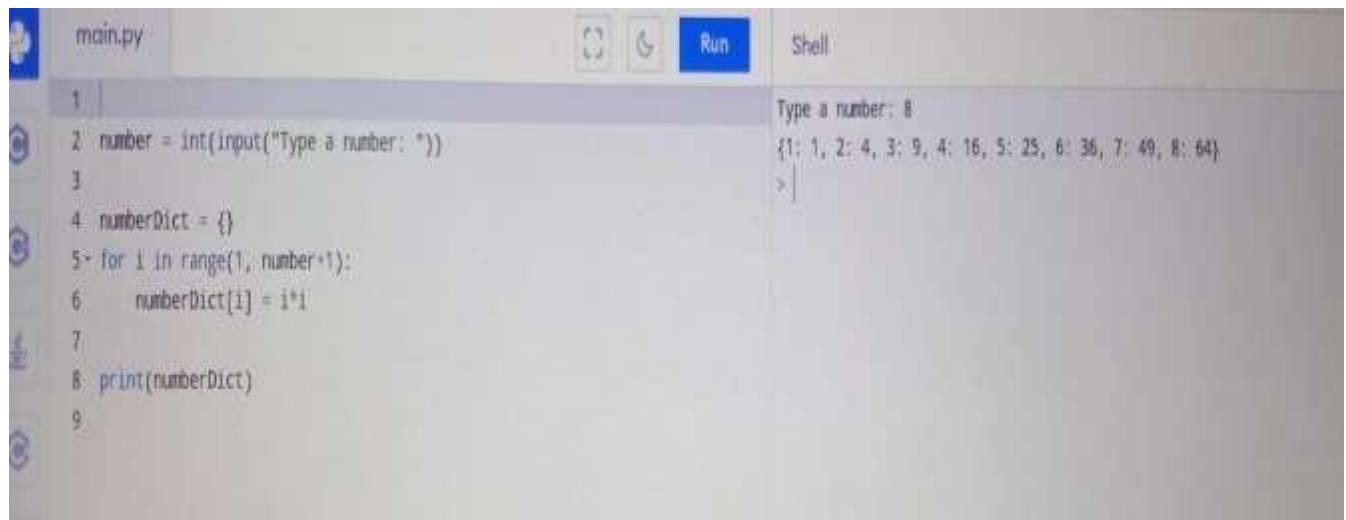
OUTPUT

TEAM LEADER: S.THARANI

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3. S.SRINIVASAN

TEAM ID: PNT2022TMID14463