

ข้อ 1

```
main.py x
1  #ข้อ1
2  n = int(input("Enter your number: "))
3  sum = 0
4  for i in range(5, n+1, 5):
5      sum = sum + i
6  print(sum)
7
```

Console Shell

Enter your number: 15
30

ข้อ 2

```
main.py x
1  #ข้อ2
2  n = []
3  for i in range(2000,3201):
4      if i % 7 == 0 and i % 5 != 0:
5          n.append(i)
6  print(*n,sep=",")
7
```

Console Shell

2002, 2009, 2016, 2023, 2037, 2044, 2051, 2058, 2072, 2079, 2086, 2093, 2107, 2114, 2121, 2128, 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

ข้อ 3

```
main.py x
1  #ข้อ3
2  n = int(input("Enter your number: "))
3  sum = 0
4  for i in range(1, n+1):
5      if i % 2 != 0 and i % 3 != 0 or i % 2 == 0 and i % 3 == 0:
6          sum = sum + i
7      print(i)
8  print(sum)
9
```

Console Shell

Enter your number: 20
1
5
6
7
11
12
13
17
18
19
109

ข้อ 4

```

main.py x
1 #ข้อ 4
2 char = str(input('Enter str: '))
3 list = ['A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I',
4         'J', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T',
5         'U', 'V', 'W', 'X', 'Y', 'Z']
6 list1 = ['a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i',
7          'j', 'k', 'l', 'm', 'n', 'o', 'p', 'q', 'r', 's', 't',
8          'u', 'v', 'w', 'x', 'y', 'z']
9 a = 0
10 b = 0
11 for i in char:
12     if i in list:
13         a = a + 1
14     elif i in list1:
15         b = b + 1
16 if a == 0:
17     print('Lower: ', b)
18 elif b == 0:
19     print('Upper: ', a)
20 else:
21     print(f'Upper:{a}, Lower: {b}')

```

Console Shell

Enter str: CHIDsanu
Upper:4, Lower: 4

ข้อ 5

```

main.py x
1 #ข้อ 5
2 n = []
3 for i in range(1000,3001):
4     if i % 2000 < 1000 and i % 200 < 100 and i % 20 < 10 and i % 2 == 0:
5         n.append(i)
6 print(*n,sep=",")
7

```

Console Shell

2000,2002,2004,2006,2008,2020,2022,2024,2026,2028,2040,2042,2044,2046,2060,2062,2064,2066,2068,2080,2082,2084,2086,2088,2090,2092,2094,2096,2100,2102,2104,2106,2108,2110,2112,2114,2116,2118,2120,2122,2124,2126,2128,2130,2132,2134,2136,2138,2140,2142,2144,2146,2148,2150,2152,2154,2156,2158,2160,2162,2164,2166,2168,2170,2172,2174,2176,2178,2180,2182,2184,2186,2188,2190,2192,2194,2196,2198,2200,2202,2204,2206,2208,2210,2212,2214,2216,2218,2220,2222,2224,2226,2228,2230,2232,2234,2236,2238,2240,2242,2244,2246,2248,2250,2252,2254,2256,2258,2260,2262,2264,2266,2268,2270,2272,2274,2276,2278,2280,2282,2284,2286,2288,2290,2292,2294,2296,2298,2300,2302,2304,2306,2308,2310,2312,2314,2316,2318,2320,2322,2324,2326,2328,2330,2332,2334,2336,2338,2340,2342,2344,2346,2348,2350,2352,2354,2356,2358,2360,2362,2364,2366,2368,2370,2372,2374,2376,2378,2380,2382,2384,2386,2388,2390,2392,2394,2396,2398,2400,2402,2404,2406,2408,2410,2412,2414,2416,2418,2420,2422,2424,2426,2428,2430,2432,2434,2436,2438,2440,2442,2444,2446,2448,2450,2452,2454,2456,2458,2460,2462,2464,2466,2468,2470,2472,2474,2476,2478,2480,2482,2484,2486,2488,2490,2492,2494,2496,2498,2500,2502,2504,2506,2508,2510,2512,2514,2516,2518,2520,2522,2524,2526,2528,2530,2532,2534,2536,2538,2540,2542,2544,2546,2548,2550,2552,2554,2556,2558,2560,2562,2564,2566,2568,2570,2572,2574,2576,2578,2580,2582,2584,2586,2588,2590,2592,2594,2596,2598,2600,2602,2604,2606,2608,2610,2612,2614,2616,2618,2620,2622,2624,2626,2628,2630,2632,2634,2636,2638,2640,2642,2644,2646,2648,2650,2652,2654,2656,2658,2660,2662,2664,2666,2668,2670,2672,2674,2676,2678,2680,2682,2684,2686,2688,2690,2692,2694,2696,2698,2700,2702,2704,2706,2708,2710,2712,2714,2716,2718,2720,2722,2724,2726,2728,2730,2732,2734,2736,2738,2740,2742,2744,2746,2748,2750,2752,2754,2756,2758,2760,2762,2764,2766,2768,2770,2772,2774,2776,2778,2780,2782,2784,2786,2788,2790,2792,2794,2796,2798,2800,2802,2804,2806,2808,2810,2812,2814,2816,2818,2820,2822,2824,2826,2828,2830,2832,2834,2836,2838,2840,2842,2844,2846,2848,2850,2852,2854,2856,2858,2860,2862,2864,2866,2868,2870,2872,2874,2876,2878,2880,2882,2884,2886,2888

ข้อ 7

```

main.py x
1 #ข้อ 7
2 a,b = input("Enter number: ").split()
3 a = int(a)
4 b = int(b)
5 sum = 0
6 if a <= 0 or b <= 0:
7     print("Error")
8 else:
9     for i in range(1, 10000):
10         if a % i == 0 and b % i == 0:
11             sum = i
12     print(sum)
13

```

Console Shell

Enter number: 12 14
2

ข้อ 9

```
main.py x
1  #ข้อ 9
2  num = int(input("Enter number: "))
3  a = ""
4  b = ""
5  c = 0
6  for i in range(0, 4):
7      a += str(num)
8      b += "+" + a
9      c += int(a)
10 print("Output: ",c, '(',"=",b[1:],')')
11
```

Console Shell

Enter number: 9
Output: 11106 (= 9+99+999+9999)

ข้อ 10

```
main.py x
1  #ข้อ 10
2  n = input("Enter number: ")
3  num = {'I':1, 'V':5, 'X':10, 'L':50, 'C':100, 'D':500, 'M':1000}
4  a = 0
5  for i in range(len(n)):
6      if i > 0 and num[n[i]] > num[n[i-1]]:
7          a += num[n[i]] - 2* num[n[i-1]]
8      else:
9          a += num[n[i]]
10 print(n, '=', a)
11
```

Console Shell

Enter number: MMMDCCXXIV
MMMDCCXXIV = 3724

ข้อ 11

```
main.py x
1  #ข้อ 11
2  n = int(input("Input: "))
3  a = 0
4  b = 1
5  c = "0,1"
6  if n < 0:
7      print('R: ')
8  else:
9      for i in range(0,n):
10         d = a+b
11         a = b
12         b = d
13         if b < n:
14             c += ','+str(b)
15         else:
16             break
17 print(f'{c}')
18
```

Console Shell

Input: 1000
0,1,1,2,3,5,8,13,21,34,55,89,144,233,377,610,987

