Session 1 Assignment 1 Solution:

TasK 1

1.



2.

Program

i = 2000

j = 3200

l = []

while (i<=j):

if (i%7 == 0):

if (i%5 != 0):

l.append(i)

i=i+1

print(l)

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Output :

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[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]

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3.

Progam:

fname = input("Enter your first name: ")

lname = input("Enter your last name: ")

print(f"{lname} {fname}")

Output:

Enter your first name: Neeraj

Enter your last name: Dube

Dube Neeraj

4.

Progam :

r = 12

pi = 22/7

V = (4/3)\*pi\*(r^3)

print (V)

Output : 62.85714285714285

Task 2:

1.

Program:

a = input("Enter Sequence Number: ")

l=a.split(',')

print(l)

Output:

Enter Sequence Number: 21,112,333

['21', '112', '333']

2.

Program:

str = '\*'

for i in range(6):

print(i\*str)

for i in range(4,0,-1):

print(i\*str)

Output:

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3.

Program:

a = input("Enter any String: ")

print(f"Reverse String {a[::-1]}")

Output:

Enter any String: AcadGild

Reverse String dliGdacA

4.

Program:

print("WE, THE PEOPLE OF INDIA,\n \

having solemnly resolved to constitute India into a SOVEREIGN,\n \t \

SOCIALIST, SECULAR, DEMOCRATIC REPUBLIC \n \t \t \

and to secure to all its citizens")

Output:

WE, THE PEOPLE OF INDIA,

having solemnly resolved to constitute India into a SOVEREIGN,

SOCIALIST, SECULAR, DEMOCRATIC REPUBLIC

and to secure to all its citizens