1. Problem Statement

Task 1:

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.

2.

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.

3.

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

Formula: $V = 4/3 * \pi * r^3$

4.

Write a program which accepts a sequence of comma-separated numbers from console and generate a list.

5.

Create the below pattern using nested for loop in Python.

```
*
* *
* * *
* * * *
* * * * *
* * * *
* * *
* *
*
```

6.

Write a Python program to reverse a word after accepting the input from the user.

Sample Output:

Input word: Ineuron

Output: noruenI

7
.
Write a Python Program to print the given string in the format specified in the **sample 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

Sample 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