Chapter 7 - Practice Set

1. Write a program to print multiplication table of a given number using for loop.

2. Write a program to greet all the person names stored in a list l1 and which starts with S

$$l_1 = [\text{"Harry"}, \text{"Soham"}, \text{"Sachin"}, \text{"Rahul"}]$$

3. Attempt problem 1 using while loop.

4. Write a program to find whether a given number is prime or not

5. Write a program to find the sum of first n natural numbers using while loop.

6. Write a program to calculate the factorial of a given number using for loop.

7. Write a program to print the following star pattern

```
    *
  * * *
* * * * *          for n = 3
```

8. Write a program to print the following star pattern:

```
*
* *
* * *          for n = 3
```

9. Write a program to print the following star pattern

```
*   *   *
*       *        for n = 3
*   *   *
```

10. Write a program to print multiplication table of n using for loop in reversed order.