

Lab # 7

(Loops 2)

Task1

Use for loop to make the following shape:

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

Note: use only one * with print.

Task2

Write a program using for loop which displays all the prime numbers from 50 to 100.

Task3

Make the following shape using for loop:

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

Challenge: use only one * with print.

Task 4

Write a program to check whether a number is a palindrome or not.

Task 5

Write a program which breaks down an integer in segments and display each digit of the integer in new line.