Program 1: Write a Program to takes a number from user and prints those digits who are prime in nature.

Input: 16532
Output: The Prime Digits are 1 5 3 2

Program 2: Write a Program to Convert entered Hexadecimal Number to Octal Number.

Input: Hexadecimal Number: 5f
Output: Octal Number: 137

Program 3: Write a Program to that accepts an integer value from user and prints the Square of each digit.

Input: 1234
Output:
The Square of 1 is 1
The Square of 2 is 4
The Square of 3 is 9
The Square of 4 is 16

Program 4: Write a Program to Print following Pattern.

```
                    100
            81      64
    49      36      25
16  9       4       1
```

Program 5: Write a Program that takes a number as input from user and prints the factorials of each digit.

Input: 141
Output:
The Factorial of 1 is 1.
The Factorial of 4 is 24.
The Factorial of 1 is 1.