

EXERCISES

Ex4:

Aim : Write a Java program to check whether the number is prime or not

Software used : JDK 1.8

Program:

```
import java.util.*;

public class eg
{
    public static void main(String[] args)
    {
        System.out.println("Welcome to Scient college");
        System.out.println("-----Prime Number    ");
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter valid Number");
        int n = sc.nextInt();
        int c = 0;
        for (int i = 1; i <= n; i++) { if (n % i == 0)
            {
                c++;
            }
        }
        if (c == 2)
        {
            System.out.println(n + "is Prime Number");
        }
        else
        {
```

```
        System.out.println(n + "is not Prime Number");  
    }  
}  
}
```

Output: