

DetectPrimeNumbers.java

```
1 package PrimeNumbersOnly;
2 import java.util.*;
3
4 public class DetectPrimeNumbers {
5
6     public static void main(String args[])
7     {
8         int num1, x, count = 0;
9
10        Scanner sc = new Scanner(System.in);
11
12        System.out.println("Please, insert a number: ");
13        num1 = sc.nextInt();
14
15        for(x=2; x<num1; x++)
16        {
17            if(num1%x == 0)
18            {
19                count++;
20                break;
21            }
22        }
23        if(count == 0)
24        {
25            System.out.println(num1 + " is a Prime Number");
26        }
27        else
28        {
29            System.out.println(num1 + " is not a Prime Number");
30        }
31    }
32
33 }
34
```