

## Prime.java

```
1 package PrimeNumbers;
2 import java.util.*;
3
4 public class Prime {
5
6     public static void main(String args[])
7     {
8         int x = 0, num1 = 0;
9         String pnum = "";
10
11         System.out.println("Insert a number to print its prime numbers: ");
12         Scanner sc = new Scanner(System.in);
13
14         int num2 = sc.nextInt();
15
16         for(x=1; x<=num2; x++)
17         {
18             int primecount = 0;
19             for(num1=x; num1>=1; num1--)
20             {
21                 if(x%num1 == 0)
22                 {
23                     primecount = primecount + 1;
24                 }
25             }
26             if(primecount == 2)
27             {
28                 System.out.println("Prime number is " + x);
29             }
30         }
31     }
32
33 }
34
```