

```
1 import java.util.*;
2 import java.io.*;
3 public class question37
4 {
5     public static void main(String args[])
6     {
7         Scanner sc=new Scanner(System.in);
8         int numbers[]=new int[5];
9         System.out.println("Enter numbers:");
10        for(int i=0;i<numbers.length;i++)
11        {
12            numbers[i]=sc.nextInt();
13            boolean flag=true;
14            for(int j=2;j<numbers[i];j++)
15            {
16                if(numbers[i]%j==0)
17                {
18                    flag=false;
19                    break;
20                }
21            }
22            if(flag==true)
23            {
24                System.out.println("Number "+numbers[i]+" is prime");
25            }
26        }
27    }
28 }
29
```