

```
1 //prime
2 import java.util.*;
3 import java.io.*;
4 public class question2
5 {
6     public static void main(String args[])
7     {
8         Scanner sc = new Scanner(System.in);
9         int n;
10        boolean flag=false;
11        System.out.println("Enter number");
12        n=sc.nextInt();
13        for (int i=2;i<n;i++) {
14            if(n%i == 0)
15            {
16                flag=true;
17            }
18        }
19        if (flag==true)
20        {
21            System.out.println("Not a prime");
22        }
23        else
24        {
25            System.out.println("prime");
26        }
27    }
28 }
29
30
```