

```
1 package pkg3;
2 import java.util.Scanner;
3 public class Recursion {
4
5     public static void main(String[] args) {
6         Scanner sc=new Scanner(System.in);
7         System.out.println("Enter a num: ");
8         int a=sc.nextInt();
9         int count= isPrime(a);
10        if(count==2)
11        {System.out.println("prime");
12        }
13        else {
14            System.out.println("not a prime");
15        }
16    }
17    public static int isPrime(int a) {
18        int count=0;
19        for(int i=1;i<=a;i++) {
20            if(a%i==0) {
21                count++;
22            }
23        }
24        return count;
25    }
26 }
27
```