

```
import java.util.Scanner;
class Main
{
    public static void main(String[] args)
    {
        Scanner input=new Scanner(System.in);
        int num=input.nextInt();
        int i,c=0;
        for(i=2;i<num;i++)
        {
            if(num%i==0)
            {
                c++;
                break;
            }
        }
        if(c==0)
            System.out.println(num+"is a Prime number");
        else
            System.out.println(num+"is not a prime number");
    }
}
```