

```
import java.util.Scanner;
public class IsPrime
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter a number");
        int num=sc.nextInt();
        int flag=0;
        if(num<=1)
            System.out.println(num+" is not a prime number");
        else
        {
            for(int i=2;i<=num/2;i++)

            {
                if(num%i==0)
                {
                    flag=1;
                    break;
                }
            }
            if(flag==1)
                System.out.println(num+" is not a prime number");
            else
                System.out.println(num+" is a prime number");
        }
    }
}
```