

ErrorLogs -PrimeNumbers[Mastery]

NO ERRORS THROUGHOUT THIS CODE!

PICTURE OF MY COMPLETED CODE (NO ERRORS)

```
package Mastery;

import java.util.Scanner;

public class PrimeNumbers {

    public static void isPrime(int user_num) {
        boolean prime = false;

        if (user_num == 1 || user_num == 0) //If the users inputed number is 1 or 0
        {
            prime = true;
        }

        for (int i = 2; i <= user_num / 2; ++i) //Take the numbers between 2 and user_num / 2
        {
            if (user_num % i == 0) //if the remainder is 0, than that number is not prime
            {
                prime = true;
            }
        }

        if (!prime) //if prime is not true
        {
            System.out.print("Your number is prime.");
        }
        else //if prime is true
        {
            System.out.print("Your number isn't prime.");
        }
    }

    public static void main(String[] args) {
```

```

        if (!prime) //if prime is not true
        {
            System.out.print("Your number is prime.");
        }
        else //if prime is true
        {
            System.out.print("Your number isn't prime.");
        }
    }

}

public static void main(String[] args) {
    // TODO Auto-generated method stub

    //Preparing for user input
    Scanner input = new Scanner(System.in);

    //Declaration
    int user_num; //user input

    System.out.println("Enter a number. This program will tell you if it is prime or not: "); //p
    user_num = input.nextInt(); //store number in variable
    isPrime(user_num);
}

```