

PRIME NUMBERS ERROR

```
package mastery;
import java.util.Scanner;
public class primenumbers {
    public static void main(String[] args) {
        Scanner userInput = new Scanner(System.in);
        //declarations
        int i; // variable loops
        int un;
        boolean prime = false;
        // finding out if number is prime or not
        System.out.println("Please input a one digit number to check if it is prime: ");
        un = userInput.nextInt();
        // if user input is 1 or 0 then the boolean value is true
        if (un == 1 || un == 0 )
        {
            prime = true;
        }
        for (i = 2; i <= un / 2; ++i)
        {
            if (un % i == 0);
            {
                prime = true;
            }
        }
        if (!prime) // for if prime isn't true
        {
            System.out.println("Your number is prime");
        }
        else // for if prime is true
        {
            System.out.println("Your number isn't prime");
        }
    }
}
```

SYNTAX ERROR I added a lot more indents to make the code look more organized and fixed syntax errors

```
20 {  
21     prime = true;  
22 }  
23 }  
24 for (i = 2; i <= un / 2; ++i)  
25 {  
26     if (un % i == 0);  
27     {  
28         prime = true;  
29     }  
30 }
```