PrimeNumber ReflectionLogs -

Ran into a few errors which are mentioned in the error log but this is the initial part of the working code. I created a boolean method isPrime() with an int parameter, and the for loop within it runs until “i” is equal to the num inputted by the user.
If “i” happens to be perfectly divisible by the num at any point, that means the number is not prime. Otherwise it is prime

```java
package Mastery;

import java.util.Scanner;

public class PrimeNumber {

    public static boolean isPrime(int num) {

        // Creates a for loop which executes until checker is equal to the num
        for (int i = 2; i < num; i++) {
            // If the remainder when dividing is ever 0, the number is not prime
            if ((num % i) == 0) {
                return(false); }
        }

        // returns true in case it did not return false earlier
        return true;
    }
```

In the main() method, it accepts the user input num, and assigns a boolean value to ans based off of the value returned by isPrime()
If the value returned is false, the number is not prime. If the value returned is true, the number is prime.

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

      // Declaration and initiation, asking for input
      Scanner Input = new Scanner(System.in);
      System.out.print("Enter a number - ");
      int num = Input.nextInt();

      // Boolean ans carries the value returned by isPrime()
      boolean ans = isPrime(num);
      // If the value returned was false, the number is not prime
      if (ans == false) {
          System.out.println("The number is not prime ");
      }
      // Else it is prime
      else {
          System.out.println("The number is prime ");
      }

  }
```