Reflection Log Prime Number V2

```java
Scanner userInput = new Scanner(System.in);

    System.out.print("Welcome! Please enter any number of your choice: ");

    int num = userInput.nextInt();

    // Start assuming it's prime if > 1 using boolean function

    boolean isPrime = (num > 1);

   for (int i = 2; i * i <= num; i++) {

  if (num % i == 0) {
// Finding a divisor

 isPrime = false;

    //Ends the code once number is stored and calculated if its prime or not.

    break;
        }
    }
```

Program asks the user for the input of a random integer. The program will then calculate if the number is above one, giving it a possibility if it is prime or not.

```java
//Tells the user if the given number is prime or not.

 System.out.println(num + (isPrime ? " is a prime number." : " is not a prime number."));

 System.out.println("Thank you!");
```

Once calculated, the program outputs if the number is a prime number or not, while giving a message of "Thank you!" to the user.