

Credit Name: CSE 2140 2nd Language Programming

Assignment Name: Digits Mastery Project

How has your program changed from planning to coding to now? Please explain?

I began as planned where I used the scanner to get the user input of the number they'd like to know the number places of.

```
package Mastery;

import java.util.Scanner;

public class DigitsM {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Please enter your number: ");
```

Then I had a change in the way I wanted the program to determine the number places.

```
int ones = number % 10;
int tens = (number / 10) % 10;
int hundreds = (number / 100) % 10;
```

This is what I originally had but just to keep everything uniform I ended on this:

```
    int number = scanner.nextInt();

    int ones = (number/1)%10;

    int tens = (number/10)%10;

    int hund = (number/100)%10;

    System.out.println("The Ones place digit is: " + ones);
    System.out.println("The Tens place digit is: " + tens);
    System.out.println("The Hundreds place digit is: " + hund);
}
}
```