

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?

```
public static void main(String[] args)
{
    Scanner userInput = new Scanner(System.in);
    System.out.print("Please input a three digit number:  ");
    int n = userInput.nextInt();
    int baseHundreds = (n / 100);
    int baseTen = (n - baseHundreds * 100) / 10;
    int ones = n%10;
    System.out.println("Your Hundreds place is: " + baseHundreds);
    System.out.println("Your Tens is: " + baseTen);
    System.out.println("your ones is: " + ones);
}
```

From my planning at the beginning of this program I needed to create a code that can render 3 digit numbers and for it to highlight all hundreds tens and ones place values

the user will be prompted to input a 3 digit number , the number that they have entered will be the variable labelled as n. In order to identify the hundreds [place I used math logic to complete the

statement which worked out.