credit name: CSE 2140 2nd Language Programming

Assignment name: Digits mastery project

Decribe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

The errors that I came across while completing this assignment was my syntax errors, I forgot to put a semi colon at the end of the code, after I looked at my whole code to descipher the mistake, I realized that every other line has a semi colon at the end beside this one so I proceeded to input one to fix my syntax.

```java
{
    Scanner UserInput = new Scanner(System.in);
    System.out.print("Please input a three digit number:    ")
```

The second error I made was a logic error My logic for finding my BaseTen was flawed, the code represents number entered / 10 while it shouldve been (n - basehundreds * 100) / 10   I overcame the problem by correcting my logic through math.

```java
23    int baseTen = (n) / 10;
```

```java
int baseTen = (n - baseHundreds * 100) / 10;
```