

```

package Mastery;

import java.util.Scanner;

public class Digits {

    public static void main(String[] args) {

        Scanner userInput = new Scanner(System.in);

        //variable initialization
        double $threedigitnumber;
        double hundredsplace;
        double tensplace;
        double onesplace;

        //user input
        System.out.print("Please enter a 3 digit whole number.(100-999) "
            $threedigitnumber = userInput.nextDouble();

        //Calculations
        hundredsplace = (Math.floor($threedigitnumber / 100));
        tensplace = (Math.floor(($threedigitnumber % 100) / 10));
        onesplace = (Math.floor(($threedigitnumber % 100) % 10));

        //Print statement with recasting of variables to integer
        System.out.println("The hundreds place is: " + (int)hundredsplace
            System.out.println("The tens place is: " + (int)tensplace);
            System.out.println("The ones place is: " + (int)onesplace);
        }
    }
}

```

The code itself has no difference to the original plan, the only changes were very minor, and due to syntax errors, or making the code meet the java coding standards. No runtime errors were experienced.