```java
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);
    }
}
```

No runtime errors were experienced when running this code.