Assignment name: Project - E11 Mastery Project
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Reflection Log

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

```java
import java.text.NumberFormat;

import java.util.Scanner;
```

Import Scanner so user can input values, and NumberFormat to round the final percentage

```java
        Scanner Userinput = new Scanner (System.in);
        System.out.print("How many minutes did you spend on Designing?: ");
        int Designing = Userinput.nextInt();
        System.out.print("How many minutes did you spend on Coding?: ");
        int Coding = Userinput.nextInt();
        System.out.print("How many minutes did you spend on Debugging?: ");
        int Debugging = Userinput.nextInt();
        System.out.print("How many minutes did you spend on Testing?: ");
        int Testing = Userinput.nextInt();
```

Prompt user to enter how long they spent on each task

```java
    double TimeTotal = Designing + Coding + Debugging + Testing;

    double PercentageDesign = Designing / TimeTotal * 100;
    double PercentageCoding = Coding / TimeTotal * 100;
    double PercentageDebugging = Debugging / TimeTotal * 100;
    double PercentageTesting = Testing / TimeTotal * 100;
```

Calculate the total time spent on each task then use this to calculate percentage.

```java
System.out.println("The percentage of time spent doing each task is: ");
System.out.println(" ");

System.out.println("Task            Time %");
System.out.println("Designing       " + nf.format(PercentageDesign/100));
System.out.println("Coding          " + nf.format(PercentageCoding/100));
System.out.println("Debugging       " + nf.format(PercentageDebugging/100));
System.out.println("Testing         " + nf.format(PercentageTesting/100));
```

Output percentage of time spent on each task as a percentage with no decimals.