

CS Error/Bug log

Code with errors. (Shown below)

```
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;

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

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

Using this I would be left with 14-15 digit long decimal which was unnecessary. (Shown below)

Task	Time %
Designing	12.16931216931217%
Coding	29.629629629629626%
Debugging	46.03174603174603%
Testing	12.16931216931217%

To fix this I imported a number format which would round to the nearest whole number (Shown below)

```
import java.text.NumberFormat;

NumberFormat nf = NumberFormat.getPercentInstance();

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));
```