Error Logs - Project [Mastery]

#1: Error

```java
package Mastery;

import java.util.Scanner;

public class ProjectMastery {

    public static void main(String[] args)
    {
        Scanner userInput = new Scanner(System.in);

        System.out.print("How much time was spent designing the project application? ");
        int designing = userInput.nextInt();

        System.out.print("How much time was spent coding the project application? ");
        int coding = userInput.nextInt();

        System.out.print("How much time was spent debugging the project application? ");
        int debugging = userInput.nextInt();

        System.out.print("How much time was spent testing the project application? ");
        int testing = userInput.nextInt();

        int total_T = testing + debugging + coding + designing;

        int design_P = total_T / designing;
        int coding_P = total_T / coding;
        int debug_P = total_T / debugging;
        int testing_P = total_T / testing;
```

1. Here I have two logical errors. Each defined variable should be of type double to make the percentage calculations work properly.
2. The percentage calculations were calculated wrong, and instead of doing total_T / designing , to calculate percentage it's designing / total_P which is the correct calculation. I have also added NumberFormat nf = NumberFormat.getPercentInstance(): which automatically will convert my answer automatically into percentage when I call the function.

#1: Fixed Code:

```java
package Mastery;

import java.text.NumberFormat;
import java.util.Scanner;

public class ProjectMastery {

    public static void main(String[] args)
    {
        Scanner userInput = new Scanner(System.in);

        NumberFormat nf = NumberFormat.getPercentInstance();

        System.out.print("How much time was spent designing the project application? ");
        double designing = userInput.nextInt();

        System.out.print("How much time was spent coding the project application? ");
        double coding = userInput.nextInt();

        System.out.print("How much time was spent debugging the project application? ");
        double debugging = userInput.nextInt();

        System.out.print("How much time was spent testing the project application? ");
        double testing = userInput.nextInt();

        System.out.print(" ");

        double total_T = testing + debugging + coding + designing;

        double design_P = designing / total_T;
        double coding_P = coding / total_T;
        double debug_P = debugging / total_T;
        double testing_P = testing / total_T;
```