

# Reflection Log: Project

Youdis

```
1 package Mastery;
2
3+ import java.util.Scanner;
5 public class Project {
6
7-     public static void main(String[] args) {
8
9         // TODO Auto-generated method stub
10        //Getting ready to record user inputs
11        Scanner Input = new Scanner(System.in);
12        //Getting decimal format ready to format percentages
13        DecimalFormat formatter = new DecimalFormat("#.##");
```

Importing scanner to get ready to record user inputs and declaring my decimal format for percentages

```
13        DecimalFormat formatter = new DecimalFormat( "#.##" );
14        //declaring needed variables
15        double task1, task2, task3, task4, totalTime, task1per, task2per, task3per, task4per;
16        //prompting user for time taken on each task and then recording it
17        System.out.print("Please enter time taken on designing: ");
18        task1 = Input.nextInt();
19        System.out.print("Please enter time taken on coding: ");
20        task2 = Input.nextInt();
21        System.out.print("Please enter time taken on debugging: ");
22        task3 = Input.nextInt();
23        System.out.print("Please enter time taken on testing: ");
24        task4 = Input.nextInt();
```

Declared needed variables and initialized them by recording user input for time taken on each taken by prompting user to input the time

```
25        //adding up time of every task and storing it
26        totalTime = task1 + task2 + task3 + task4;
27        //Finding percentage of total time taken for each task
28        task1per = (task1 / totalTime)* 100;
29        task2per = (task2 / totalTime)* 100;
30        task3per = (task3 / totalTime)* 100;
31        task4per = (task4 / totalTime)* 100;
```

Adding all the times inputted for total time and finding out percentage of total time each task took

```
32        //Outputting percentage of total time each task took with decimal format
33        System.out.println("Task          % Time");
34        System.out.println("Designing:  " + formatter.format(task1per) + "%");
35        System.out.println("Coding:    " + formatter.format(task2per) + "%");
36        System.out.println("Debugging: " + formatter.format(task3per) + "%");
37        System.out.println("Testing:   " + formatter.format(task4per) + "%");
38    }
39
40 }
```

Outputting each task and the percentage of total time it took to complete to the user

This is good, thank you.