

ErrorLog: AddCoins

Youdis

```
<terminated> AddCoins [Java Appli
Enter your total coins:
Quarters: 0
Dimes: 4
Nickels: 0
Pennies: 0
Total: $0.8
```

Getting 80 cents for 4 dimes which is wrong since dimes are worth 10 cents

```
Enter your total coins:
Quarters: 0
Dimes: 4
Nickels: 0
Pennies: 0
Total: $0.4

//method to add up dollar amount of coins received in parameters
public static String getDollarAmount(int quarters ,int dimes ,int nickels ,int pennies) {
    // declared variable and initialize it with sum of all the coins at their dollar amount
    String total = String.valueOf((quarters * 0.25) + (dimes * 0.10) + (nickels * 0.05) + (pennies * 0.01));
```

Fixed it, my dimes were being multiplied by by 0.2 instead of 0.1

```
Enter your total coins:
Quarters: 1
Dimes: 2
Nickels: 3
Pennies: 4
Total: $0.6400000000000001
```

To many decimals in output

```
Enter your total coins:
Quarters: 1
Dimes: 2
Nickels: 3
Pennies: 4
Total: $0.64
```

Fixed it by using decimal format in the method

```
//method to add up dollar amount of coins received in
public static String getDollarAmount(int quarters ,in
    DecimalFormat formatter = new DecimalFormat("#.##
    // declared variable and initialize it with sum o
    String total = String.valueOf((quarters * 0.25) +

//return the value of the total amount of money the c

return formatter.format(Double.parseDouble(total));
```