

```
//Add pennies
public void addPennies() {
    total = total + 0.01;
}
```

Page Programming

astery

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

Didn't show total, needed use system.out.print

```
1. Show total money in bank.
2. Add a penny.
3. Add a nickel.
4. Add a dime.
5. Add a quarter.
6. Take out money from the bank.
Enter 0 to quit.
Please enter your choice: 2
You have added 1 penny.
Please enter your choice: 3
You have added 1 nickel.
Please enter your choice: 1
Please enter your choice:
```

```
switch(option) {
case 0:
    break;
case 1: amount.showTotal();
    break;
}
```

```
Convert:
1. Show total money in bank.
2. Add a penny.
3. Add a nickel.
4. Add a dime.
5. Add a quarter.
6. Take out money from the bank.
Enter 0 to quit.
Please enter your choice: 5
You have added 1 quarter.
Please enter your choice: 1
Your total balance is: $0.0
Please enter your choice:
```

```
switch(option) {
case 0:
    break;
case 1: System.out.println(amount.showTotal());
    break;
}
```

Incorrect total

```
Convert:
1. Show total money in bank.
2. Add a penny.
3. Add a nickel.
4. Add a dime.
5. Add a quarter.
6. Take out money from the bank.
Enter 0 to quit.
Please enter your choice: 5
You have added 1 quarter.
Please enter your choice: 1
Your total balance is: $0.0
Please enter your choice:
```

```
//Add pennies
public void addPennies() {
    double total += 0.01;
}
```

```
Convert:
1. Show total money in bank.
2. Add a penny.
3. Add a nickel.
4. Add a dime.
5. Add a quarter.
6. Take out money from the bank.
Enter 0 to quit.
Please enter your choice: 2
You have added 1 penny.
Please enter your choice: 1
Your total balance is: $0.01
Please enter your choice:
```

```
//Add pennies
public void addPennies() {
    double total = getTotal();
    total += 0.01;
    setTotal(total);
}
```

Doesn't add coins to total, only shows the newest addition, needed to be class variable.

```
Please enter your choice: 5
You have added 1 quarter.
Please enter your choice: 4
You have added 1 dime.
Please enter your choice: 1
Your total balance is: $0.1
Please enter your choice:
```

```
//Add pennies
public void addPennies() {
    double total = getTotal();
    total += 0.01;
    setTotal(total);
}
```

```
Please enter your choice: 5
You have added 1 quarter.
Please enter your choice: 4
You have added 1 dime.
Please enter your choice: 1
Your total balance is: $0.35
Please enter your choice:
```

```
//Add pennies
public void addPennies() {
    total = total + 0.01;
}
```