

Credit Name:CSE3130

Assignment Name:uemployee

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

Just like in Account, I completely changed the class names in my code, I literally feel like an idiot because how does this happen twice? Here is the bugged code:

```
package Mastery;

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

import skillBuilders.Associate;
import skillBuilders.Employee;
import skillBuilders.Manager;

public class University {

    public static void payUEmployee(UEmployee employ, double payReturn) {
        NumberFormat money = NumberFormat.getCurrencyInstance();
        double pay;

        System.out.println(employ);
        pay = employ.calculatePayment(payReturn);
        System.out.println(money.format(pay));
    }

    public static void main(String[] args) {
        StaffMember s1 = new StaffMember("Josh", "Richards", 60000, "assistant
teacher");
        StaffMember s2 = new StaffMember("Jannet", "Smith", 70000, "teacher");
        FacultyMember s3 = new FacultyMember("joe", "goldberg", 45000, "arts");

        Scanner userInput = new Scanner(System.in);

        String action;
        int empNumber;
        double payArg;

        UEmployee employ = s1;
```

```

do {
    System.out.println("\n (E)mployee \ (P)ay \ (Q)uit ");
    System.out.println("Enter choice: ");
    action = userInput.next();

    if (!action.equalsIgnoreCase("Q")) {
        System.out.println("Enter employee number (1, 2, or 3) : ");
        empNumber = userInput.nextInt();

        switch (empNumber) {
            case 1:
                employ = s1;
                break;
            case 2:
                employ = s2;
                break;
            case 3:
                employ = s3;
                break;
        }

        if (action.equalsIgnoreCase("E")) {
            System.out.println(employ);
        } else if (action.equalsIgnoreCase("P")) {
            System.out.println("Enter the weeks worked for the
employee.");
            payArg = userInput.nextDouble();

            payUEmployee(employ, payArg);
        }
    }
} while (!action.equalsIgnoreCase("Q"));

userInput.close();
}
}

```

I fixed it by:

1. Changed the class name StaffMember to Staff in the instantiation of s1 and s2.
2. Changed the class name FacultyMember to Faculty in the instantiation of s3.
3. Changed the method name calculatePayment() to pay() in the payUEmployee() method.