

```
.....// print banner
*****");
*** Customer owes ***");
*****");
}

More Actions...
Enter to apply
Surround with try/catch
Add Javadoc for 'printOwing'
```

```
private void extracted() {
    // print
    System.out.println("*****");
    System.out.println("*** Customer owes ***");
    System.out.println("*****");
}
```

```
.....// calculate outstanding
}

More Actions...
Enter to apply
Surround with try/catch
Add Javadoc for 'printOwing'
```

```
private double extracted(Enumeration<Order> e, double outstanding) {
    // calculate
    while (e.hasMoreElements()) {
        Order each = e.nextElement();
        outstanding += each.getAmount();
    }
    return outstanding;
}
```

```
.....// print details
name" + _name);
amount" + outstanding);
}

private double extracted(Enumeration<Order> e, double outstand
```

```
private void extracted(double outstanding) {  
    // print  
    System.out.println("Amount outstanding: " + outstanding);  
    System.out.println("Amount outstanding: " + outstanding);  
}
```

```
10 void printOwing(double amount) {  
11     Enumeration<Order> e = orders.elements();  
12     double outstanding = 1.2 * amount;  
13  
14     printBanner();  
15  
16     outstanding = calculateOutstanding(e, outstanding);  
17  
18     printBanner();  
19  
20     printDetails(e, outstanding);  
21  
22     printDetails(e, outstanding);  
23  
24     printDetails(e, outstanding);  
}
```

Manuell bearbeiteter Code zur Veranschauung wie weiter der Code refactort werden könnte mit inline methods/variables:

```
void printOwing(double amount) {  
    Enumeration<Order> e = orders.elements();  
  
    printBanner();  
  
    printDetails(calculateOutstanding(e, 1.2 * amount));  
}
```