```
DATA
```

```
List<MyCheck> checks;
Menu menu;
Timer timer;
class Check {
       Customer cust;
       string choice;
       double amount;
       Cashier cashier;
}
class MyCheck {
       Waiter w;
       Check c;
       checkState state = requested;
}
enum checkState { requested, givenToWaiter, fullyPaid, partiallyPaid, finished };
List<MyCustomer> customersWhoOweMoney;
class MyCustomer {
       Customer cust;
       double amountOwed;
}
```

MESSAGES

```
ProduceCheck(Waiter w, Customer c, string choice) {

Check check = new Check(c, choice);

if c is in customersWhoOweMoney

then MyCustomer c = customersWhoOweMoney.find(c);

and check.amount += c.amountOwed;

checks.add(new MyCheck(w, check));
}
```

SCHEDULER

ACTIONS