



Master's thesis

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# A Web-Based Code-Editor For Use in Programming Courses

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```
AccountProgram.java Account.java AccountTest.java
1 package stateandbehavior;
2
3 public class AccountProgram {
4
5     Account account;
6
7     void init() {
8         account = new Account();
9         account. = 0;
10        account.addInterest()
11    }
12    balance
13    clone()
14
15    void run() { deposit()
16        System.c equals()
17        account. finalize()
18        System.c getClass()
19        account. hashCode()
20        System.out.println(account);
21        account.addInterest();
22        System.out.println(account);
23    }
24
25    public static void main(String[] args) {
26        AccountProgram accountProgram = new AccountProgram();
27        accountProgram.init();
28    }
29
30 }
```

[Account balance=0,000000 interestRate=5,000000]  
[Account balance=100,000000 interestRate=5,000000]  
[Account balance=100,000000 interestRate=5,000000]  
[Account balance=105,000000 interestRate=5,000000]

Run code Run tests Deliver assignment