

Create a class called BankAccount that keeps track of the account holder's name, the account number, and the balance in the account. Create 2 constructors, a toString() method, and withdraw(amount) and deposit(amount) methods. Use the this keyword in the constructor and methods. Test your class in a main method.

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```
1//Code by Akshat Garg
2public class BankAccount {
3    private String accName;
4    private int accNum;
5    private double accBal = 0.0;
6    public BankAccount(String initName, int initNum){
7        this.accName = initName;
8        this.accNum = initNum;
9        this.accBal = 10.00;
10    }
11    public BankAccount(String initName, int initNum, double initBal){
12        this.accName = initName;
13        this.accNum = initNum;
14        this.accBal = initBal;
15    }
16    public void withdraw(double amt){
17        this.accBal -= amt;
18    }
19    public void deposit(double amt){
20        this.accBal += amt;
21    }
22    public String toString(){
23        return "User " + this.accName + ", #" + this.accNum + ", has a balance of $"
24            + this.accBal;
25    }
26    public static void main(String[] args){
27        BankAccount credit = new BankAccount("Name", 12, 146.12);
28        System.out.println(credit.toString());
29    }
30}
31
32
```

User Name, #12, has a balance of \$146.12

Result	Expected	Actual	Notes
Pass	3 Private	3 Private	Checking Private Instance Variable(s)
Pass	true	true	Checking that code contains withdraw method
Pass	true	true	Checking that code contains deposit method
Pass	Something like: Name 101 100.0 Name 101 200.0 Name 101 100.0	User Name, #12, has a balance of \$146.12	Expected output from main
Pass	pass	pass	Checking 2-parameter constructor
Pass	pass	pass	Checking 3-parameter constructor
Pass	true	true	Checking that code contains toString method
Pass	6+	11	use of this.*

You got 8 out of 8 correct. 100.00%

Activity: 5.9.1.1 ActiveCode (challenge-5-9-BankAccount)

Fun to have an unassisted project where I make all my own code. Not confusing at all, this keyword is pretty straightforward.