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1. What is encapsulation?

This is a mechanism of hiding variables from other classes and making them accessible from their current class.

public class Customer {

private String bankName = "Access";

private String acctName;

private String acctNo;

private double acctBalance;

Customer(String acctName, String acctNo, double acctBalance){

this.acctName = acctName;

this.acctNo = acctNo;

this.acctBalance = acctBalance;

}

// getters

String getBankName(){

return this.bankName;

}

String getAcctName(){

return this.acctName;

}

String getAcctNo(){

return this.acctNo;

}

double getAcctBalance(){

return this.acctBalance;

}

// setters

void setAcctName(String acctName){

this.acctName = acctName;

}

void setAcctNo(String acctNo){

this.acctNo = acctNo;

}

void setAcctBalance(double acctBalance){

this.acctBalance = acctBalance;

}

public static void main(String[] args){

Customer customer = new Customer("Tekena Solomon", "1234567890", 999999999.99);

System.out.println(customer.getAcctBalance());

}

}