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\* Class:Account ExP3.1 Pg.98 Author: Yin Linhai

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\* A bank account like class and a test

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\* Course:Computer Science 201Teacher:Mr Blakey

\* School:Sir Winston Churchill High School, Calgary, Alberta, Canada

\* Language: Java SE 7.0Target Operating System: Java Virtual Machine

\* System:Intel Celeron 3GHz running under Windows 7 IDE: Eclipse 4.2

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**package** bank\_Project;

**public** **class** Account {

//Constructor method

**public** Account(**double** b) {

balance = b;

}

//Methods

//Deposit method

**public** **void** deposit(**double** d) {

balance += d;

}

//Withdraw method

**public** **void** withdraw (**double** w) {

balance -= w;

}

//Print balance method

**public** **void** printBalance() {

System.*out*.println(String.*format*("%5.2f", balance));

}

//Get Balance method

**public** **double** getBalance() {

**return** balance;

}

//add Interest method

**public** **void** addInterest(**double** i) {

**double** add = balance \* (i/100);

balance += add;

}

//State variables

**private** **double** balance;

}

**package** bank\_Project;

**public** **class** Tester {

/\*\*

\* **@param** args

\*/

**public** **static** **void** main(String[] args) {

Account ac = **new** Account(0);

ac.deposit(1000);

ac.withdraw(500);

ac.withdraw(400);

ac.printBalance();

}

}

**Output**

100.00

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