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\* Class:SavingsAccount ExP3.3 Pg.98 Author: Yin Linhai

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\* A Savings Account which adds interest and prints the results

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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** savings\_Accounts;

**public** **class** SavingAccount {

//Constructor method

**public** SavingAccount(**double** b, **double** i) {

balance = b;

interest = i;

}

//Methods

//adding to the balance with interest method

**public** **void** addInterest() {

balance += balance \* (interest/100);

}

//getting the balance method

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

**return** balance;

}

//Static variables

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

**private** **double** interest;

}

**package** savings\_Accounts;

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

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

SavingAccount ac1 = **new** SavingAccount(1000, 10);

ac1.addInterest();

ac1.addInterest();

ac1.addInterest();

ac1.addInterest();

ac1.addInterest();

System.*out*.println(ac1.getBalance());

}

}

**Output**

1610.51