[자바2] j\_09\_조아현\_20215247

//

NegativeBalanceException.java

//

**public** **class** NegativeBalanceException **extends** Exception {

**public** NegativeBalanceException() {}

**public** NegativeBalanceException(String message) {

**super**(message);

}

}

//

BankAccount.java

//

**public** **class** BankAccount {

**private** **int** balance;

**public** **void** deposit(**int** amount) {

**this**.balance += amount;

}

**public** **void** withdraw (**int** amount) **throws** NegativeBalanceException{

**if**(amount > balance) {

**throw** **new** NegativeBalanceException("잔고가 음수입니다.");

}

**else** {

**this**.balance -= amount;

}

}

**public** **int** getBalance() {

**return** balance;

}

}

//

BankAccountTest.java

//

**public** **class** BankAccountTest {

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

// **TODO** Auto-generated method stub

BankAccount b = **new** BankAccount();

b.deposit(100);

System.***out***.println("저축 100, 잔고 = " +

b.getBalance());

b.deposit(500);

System.***out***.println("저축 500, 잔고 = " +

b.getBalance());

**try** {

b.withdraw(800);

System.***out***.println("출금 800, 잔고 = " +

b.getBalance());

}

**catch**(NegativeBalanceException n){

System.***out***.println("출금 800," + n.getMessage()

+ "잔고 = " + b.getBalance());

}

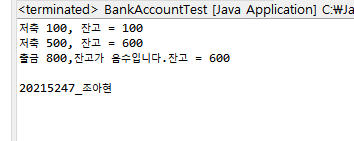
**finally** {

System.***out***.println("\n20215247\_조아현");

}

}

}



//

**public** **class** BankAccountTest {

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

// **TODO** Auto-generated method stub

**int** [] i = **new** **int**[3];

i[0] = 100;

i[1] = 500;

i[2] = 800;

BankAccount b = **new** BankAccount();

b.deposit(i[0]);

System.***out***.println("저축 "+i[0]+", 잔고 = " +

b.getBalance());

b.deposit(i[1]);

System.***out***.println("저축 "+ i[1]+", 잔고 = " +

b.getBalance());

**try** {

b.withdraw(i[2]);

System.***out***.println("출금 " +i[2]+", 잔고 = " +

b.getBalance());

}

**catch**(NegativeBalanceException n){

System.***out***.println("출금 " +i[2]+"," + n.getMessage()

+ "잔고 = " + b.getBalance());

}

**finally** {

System.***out***.println("\n20215247\_조아현");

}

}

}

//

//

//

**import** java.util.Scanner;

**public** **class** BankAccountTest {

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

// **TODO** Auto-generated method stub

BankAccount b = **new** BankAccount();

Scanner sc = **new** Scanner (System.***in***);

System.***out***.println("저축 : ");

**int** a1 = sc.nextInt();

sc.nextLine();

System.***out***.println("저축 : ");

**int** a2 = sc.nextInt();

sc.nextLine();

System.***out***.println("출금 : ");

**int** a3 = sc.nextInt();

sc.nextLine();

b.deposit(a1);

System.***out***.println("저축 "+ a1 +", 잔고 = " +

b.getBalance());

b.deposit(a2);

System.***out***.println("저축 "+ a2 +", 잔고 = " +

b.getBalance());

**try** {

b.withdraw(a3);

System.***out***.println("출금 "+ a3 +", 잔고 = " +

b.getBalance());

}

**catch**(NegativeBalanceException n){

System.***out***.println("출금 "+ a3 +"," + n.getMessage()

+ "잔고 = " + b.getBalance());

}

**finally** {

System.***out***.println("\n20215247\_조아현");

}

}

}

//

