Java Exception Handling Assignment

import java.util.\*;

public class TestExc1 {

public static void main(String[] args) {

// TODO Auto-generated method stub

Scanner sc = new Scanner(System.in);

int p = sc.nextInt();

int q = sc.nextInt();

try

{

int r = p/q;

System.out.println("r: "+r);

}

catch(ArithmeticException e)

{

System.out.println(p+"can't be divided by "+q);

}

sc.close();

}

}

public class TestExc2 {

public static void main(String[] args) {

// TODO Auto-generated method stub

try {

throw new UnsupportedOperationException();

}

catch(UnsupportedOperationException e)

{

System.out.println("It is an unsupported Operation Exception");

}

}

}

1. Bank

import java.util.\*;

class InsufficientBalanceException extends Exception

{

}

class IllegalBankTransactionException extends Exception

{

}

public class TestExc3 {

public static void main(String[] args) {

// TODO Auto-generated method stub

double Balance = 5000;

System.out.println("Enter the amount to be withdraw: ");

Scanner sc = new Scanner(System.in);

double withdraw = sc.nextDouble();

wd(withdraw,Balance);

}

private static void wd(double k, double b) {

// TODO Auto-generated method stub

try {

if(k>b || b<0)

{

throw new InsufficientBalanceException();

}

else if(k<0 || k==0)

{

throw new IllegalBankTransactionException();

}

else

{

System.out.println("Withdrawl amount: "+k);

}

}

catch(InsufficientBalanceException e)

{

System.out.println(e+" Insufficient Balance");

}

catch(IllegalBankTransactionException ex)

{

System.out.println(ex+" Withdrawl amount in negative value");

}

}

}