//import required classes and packages

import java.util.Scanner;

//create ATMExample class to implement the ATM functionality

public class ATMExample {

//main method starts

public static void main(String args[] )

{

//declare and initialize balance, withdraw, and deposit

int balance = 0, withdraw, deposit;

//create scanner class object to get choice of user

Scanner sc = new Scanner(System.in);

while(true)

{

System.out.println("ATM Machine\n");

System.out.println("Choose 1 for Withdraw");

System.out.println("Choose 2 for Deposit");

System.out.println("Choose 3 for Check Balance");

System.out.println("Choose 4 for EXIT\n");

System.out.print("Choose the operation:");

//get choice from user

int choice = sc.nextInt();

switch(choice)

{

case 1:

System.out.print("Enter money to be withdrawn:");

//get the withdrawl money from user

withdraw = sc.nextInt();

//check whether the balance is greater than or equal to the withdrawal amount

if(balance >= withdraw)

{

//remove the withdrawl amount from the total balance

balance = balance - withdraw;

System.out.println("Please collect your money");

}

else

{

//show custom error message

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

}

System.out.println("");

break;

case 2:

System.out.print("Enter money to be deposited:");

//get deposite amount from te user

deposit = sc.nextInt();

//add the deposit amount to the total balanace

balance = balance + deposit;

System.out.println("Your Money has been successfully depsited");

System.out.println("");

break;

case 3:

//displaying the total balance of the user

System.out.println("Balance : "+balance);

System.out.println("");

break;

case 4:

//exit from the menu

System.exit(0);

}

}

}

}