Project

ATM stimulation System

Source code:

import java.util.Scanner;

public class ATM {

public static void main(String args[]) {

// declare and initialize balance, withdraw, and deposit

int balance = 5000, withdraw, deposit;

// create scanner class object to get choice of user

Scanner sc = new Scanner(System.in);

while (true) {

System.out.println("\*\*Automated Teller Machine\*\*");

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

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

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

System.out.println("4. EXIT");

System.out.print("Choose the operation you want to perform:");

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System.out.print("Enter money to be withdrawn:");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

default:

//default statement

System.out.println("Invalid Choice");

}

}

}

}

Output

