Project Report

Core Java Project

Banking Application

Project Guide : D. Amrutha

Created

By

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**Abstract:**

In the core java project my title is Banking Application and I used Core java for the application.This is fully an online process to give the bank details about the users.Here we can see the user account details ,search by account number and access to know their current balance details.In this simple banking application,creating simple bank operations like check balance, deposit, withdrawal, exit, etc.

**Introduction:**

Banking is defined as the business activity of accepting and safeguarding money owned by other individuals and entities, and then lending out this money in order to conduct economic activities such as making profit or simply covering operating expenses.

In this simple banking application,creating simple bank operations like check balance, deposit, withdrawal, exit, etc.

**Scope of the project :**

To create account , deposit money to retrieve balance and withdraw money.These are the operations for banking application.

**System Requirements :**

Application : Eclipse (2021 -3)

Program: core java

Required file : java(jdk 8)

Run :java application

**Codes:**

package bank;

import java.util.Scanner;

public class BankApplication {

int balance;

int previousTransaction;

String customerName;

String customerId;

BankApplication(String cusName,String cid){

customerName=cusName;

customerId=cid;

}

void deposit(int amount) {

if(amount !=0) {

balance=balance+amount;

previousTransaction=amount;

}

}

void withdraw(int amount) {

if(amount !=0) {

balance=balance+amount;

previousTransaction=-amount;

}

}

void getPreviousTransaction() {

if(previousTransaction>0) {

System.out.println("Deposited:"+previousTransaction);

}

else if(previousTransaction<0) {

System.out.println("Withdrawn:"+Math.abs(previousTransaction));

}

else {

System.out.println("No Transaction Occured");

}

}

void showaccount() {

char option='\0';

Scanner scanner=new Scanner(System.in);

System.out.println("Welcome :"+customerName);

System.out.println("ID :"+customerId);

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

System.out.println("1.Check Balance");

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

System.out.println("3.Withdrawn");

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

System.out.println("5.Exit");

do {

System.out.println("Enter your choice:");

option = scanner.next().charAt(0);

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

switch(option) {

case '1':

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

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

break;

case '2':

System.out.println("Enter an amount to deposit:");

int amount=scanner.nextInt();

deposit(amount);

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

break;

case '3':

System.out.println("Enter an amount to Withdrawn:");

int amount2=scanner.nextInt();

withdraw(amount2);

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

break;

case '4':

getPreviousTransaction();

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

break;

}

}

while(option !='5');

System.out.println("Thank you for using our srvices");

}

public static void main(String[] args) {

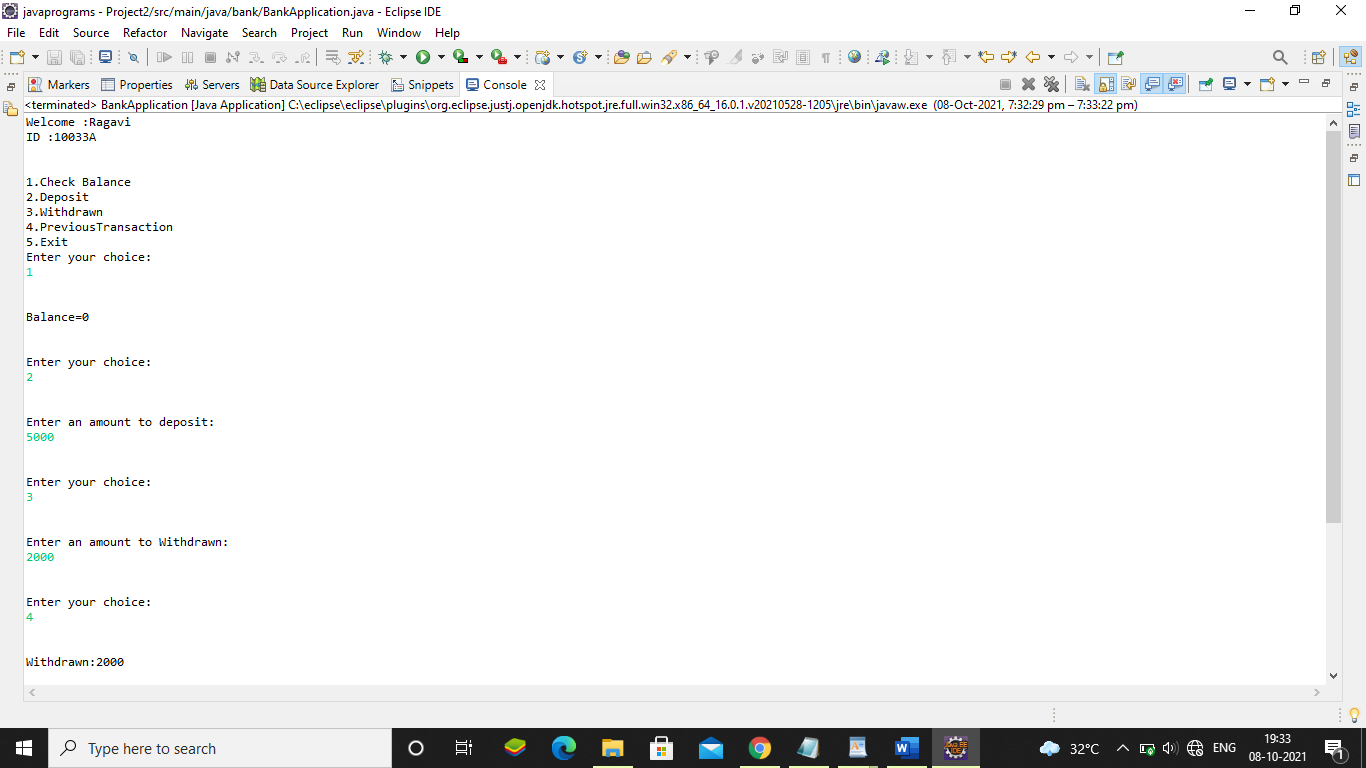
BankApplication obj1=new BankApplication("Ragavi","10033A");

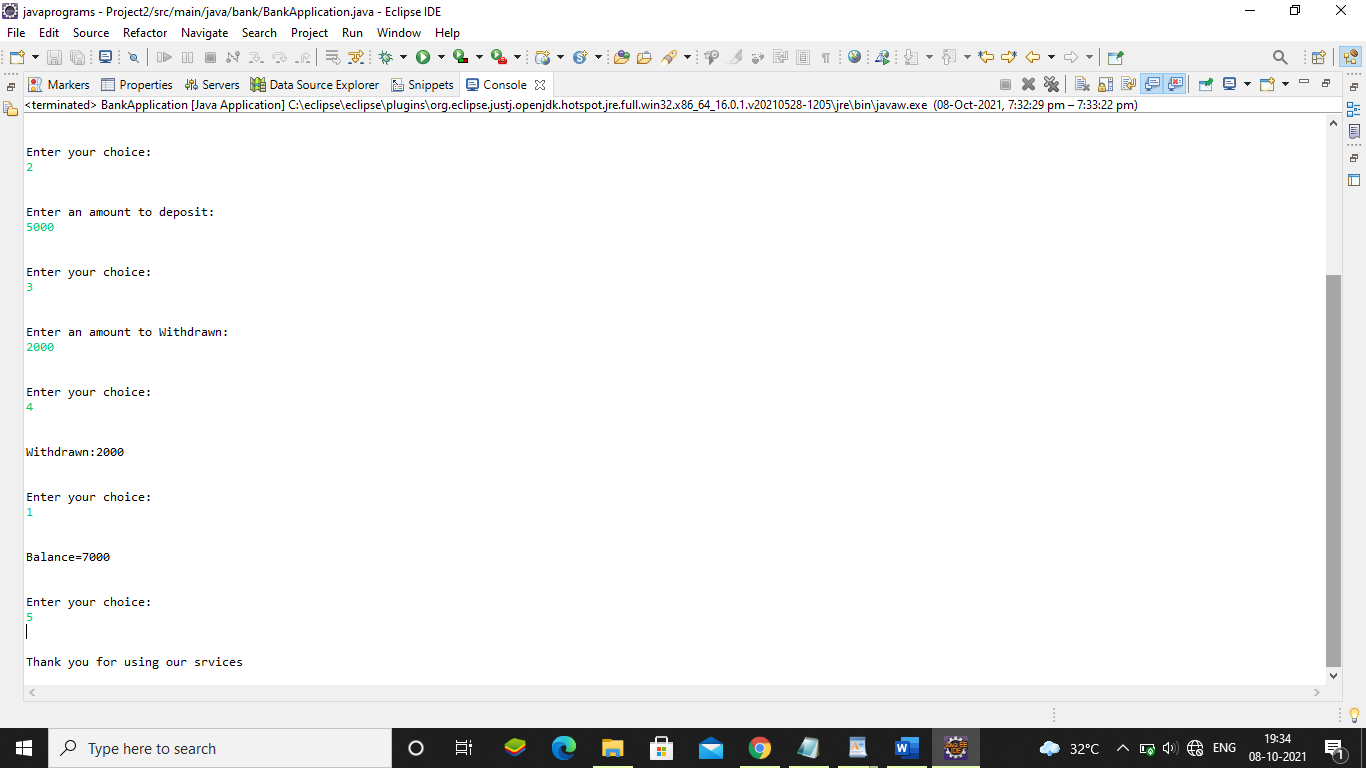
obj1.showaccount();

}

}

**Output:**

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