JASMIYA FAT HIMA Date: M T WSNE'S SIBMIACS172 LAB-5: Develop a Java program to wate a class Bouk that maintains two kinds of account you its and the other unsent recount. The savings amount provides compound interest and mithdrawal facilities but un chique book facility. The westest account provides cheque poole facility that no interest buseut account holders should also main tain a minimum Volance and if The balance fells below this level, a I service charge is imposed Irreate a class Account that stoles customer mame, account number and type of account Forom this derive the classes whent - acc and Say - acc to make them more specific to dia their requirement. Enclude the vicesary methods in order to acheir the Accept deposit from customer and update the 6) Display the balance c) Permet withdrawal and update the balance believe for the minimum balance migore penalty at measury and update the balance import java. util. Scanner.

clas account

private string mame;
private long account-mundes.
private sul saccount-type;

M T W T F S S double chalance; void get data (? Seamon SC = new Scanner System. in System out printer ("Enter your mame"). System . Det. peintlu (" Enter Ale account number" account - number = SE. mext Long (System. Out, printly (" bloose the account type")
System. Out, printly ("1. Savings account"); System out puntle (" 2. drusiant account "). account - type = SC. mext Int (); int return _ account _ type () return account type. class savings extends vaccount Scanner 8c = men Scanner (Septem. in) void get sav_ balance () hystem. out pointer ("enter the amount to be
placed in your bavings vaccount");
amount sc next Double ();
balance + = amount.

void display - sav - blna () Bystem out puinter ("balance ="+balance); void compute - sax iluterest () System out printle (" Interest of 5% shall be added to your balance");

balance = balance + (.05 * balance); Void withdrawl_ sav () System. out printle ("Enter the amount to be with drawn"); amount = SC. mext Double (); palance = balance - amount; class current extends account Scanner se = new scanner (System in); double amount; final double min balance = 5000; Void get un balance () System. out. pointle ("Inter the amount to be placed in your account"); amount = 50. mex & Doub! ec). palance + = amount;

void display - un balance () System out paintle l'adama = " + balance); Void compute_cur_service-charges () if (balance < min _ balance) System out penintly ("Sowi 4 clax of Rs. 500

Shall be se levied").

Salance = balance - 500. System out pointly la minimem balance 25

maintained "); else Void with drawl_ (ces () System. Out printle (" Enter the camount to amount = 9c next Double (); balance - balance - amount; class bankmain public static void unain (string args [7] system out periorles (" Enter the bank detail