Week-4 Develop à Java program le create an abstract doss called shape that contains two witegers and an empty method pranted praitAvea U-Provide theree douses named Rectangle, towarde and drede such that each one of the classes entends the down Shape. Fach one of the classes contain only the method print area () that points the area of the gluen Import java. util. Scanner, impoert java-lang math; abstract class Shappe int length, breadth; Scanner s= new Scanner (Systemin).
abstract void print Area (). dons Rectangle entends Shape void print Area () { System. and printler ("Forter length and breadth"); length = os.nentInt(); breadth = s.nentInt(). System out pointler ("The area of sectangle is!"

+ length \* breadth);

class triangle ands extends Shape void print black Area () { bouse and height:"); System-out. printline ("Enter length = s.nentInt(); breadth = s.nentInt(); area of triangle is: 40.5 \* lengthere System.out. printler ("The class Gircle entends Shape print Avrea () & Systemment paint In ("Enter radius!"); Length = S. nent Int().

System out printler ("offe area of circle is: "+3.14+4

length = length ); dass S\_main public static vaid maln (stowing args[]) E wit di; Scanner Sseen = new Scanner (Systemin); System-out printly ("In MENVIN Select Shape In 1. Rectangle In 2. Tociangle In 3. Corde In");

ch= see 95. nentJnt(); 2 Ivvision of alice switch (ch) general to the vol cose! Rectangle or = new Rectangle();
or. printArea(); break; case 2: Toiangle + - new Howangle (); t. perunt Avrea (); break; case 3: Circle C = new Corcle(); C. print Area (); break; default: System-out. printlen ("Invalid viput"). Output 

savacEnter balance amount 60000 Customer Name:rrr Your account number:5555 Your Account Balance: 60000.0 Press 1 to deposit Enter amount to be deposited 500 curac Enter rate of interest Enter number of times interest applied per time period Enter number of time periods Interest amount=68054.27200000001 stem.Balance amount without interest is60500.0 Available balance after updating is68054.27200000001 Press 1 to withdraw ammount Scanned with CamScanner

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Enter your account type:

tln("Cheque Facility not available

Enter rrr's account number

canne 1. Savings account

Current account

Enter customer name