```
class circle extends snape
    System.out. printen("Area of circle="+ (3.14*a*a));
 class shapemain
    public static void mouin (string orgs[])
     Scanner sc= neue Scanner(System.in);
      Rectangle n= neur Rectangle ();
       Trangle T = new Trangle();
        Circle c = new circle();
       System.out. printer [ "Enter length and breadth!")
         g.a=sc.nextInt()i
         9. b = sc. next Intl);
                                    height and base: );
         91. printArea();
        System. out. println ("Entor
         t. a = sc. nextInt();
        t.b = sc. nextInt();
         t. printAreal);
       System out. printen ("Enter tradius:");
          c. a = sc. nextInt();
          c. printArea();
```

Inneritance (Bank) progra imposet java. util. *; class account private string name; private long account number; private int account type; double balance; void get data() Scanner Sc= new Scanner (System. in); System. out. println ("Enter your name"); name = sc. next(); System.out. println("Enter account number"); account number = sc. nextlong(); System. out println ("choose the account type"); System. out printer ("1. savings account"); System. out. printer (2. current account); account-type = se. nextInt(); int return-account type() E return account type class savings extends account Scanner SC = never Scanner (System . ?n); double amount; Void get_sav_balance() System. out. println ("Enter the amount to be placed in your savings account "); amount = sc. nextDouble(); balance + = amount; Scanned by Easy Scanner

```
void display-sou-bolance()
                        System. out. println ("balance" + balance);
             void compute-sour interest()
                        Esystem.out. println ("Interest of 51. shall be added to your balance");
                               balance = balance + (.05 * balance);
        Void withdrawl-sow()
                         System. out. printer ("enter the amount to be withdrawn");
                  amount = sc. nevotDoublel);
balance = balance = amount;
ceass current extends account
       Scanner Sc: new Scanner (System. in);
double amount;
             final double minbalance = 5000;
                       void get cur balance()
                     System. out printle C'enter the amount to be placed
                              in your current account")!
                            amount 2 Sc. next Double ();
                           balance + = amounti
                                                                                                              The fact of the state of the st
```

void display our bulancel) System out . println ("balance = "+ balance); void compute our service chargest)

[Chalance < min balance) System.out. printen ("service tox of Ps500 shoulbe levied"); balance = balance - 500; System. out. println ("minimum balance is maintaines) else vaid withdrawlaure) System. out println ("enter the amount to be withdrawen"); amount = Sc. next Double () i balance = balance - amount; public static void main (String args[]) System. out. println ("enter the bank ditails"); account a = new account(); a.getdata();

type = a. return_account_type() 6 (type == 1) System. aut. println ["Sourings Account"). Savings sav - nue savings(); Sav-get_sav_balancels; Sav. get display- sav-balance (); Sav. compute_sav_interest(); Sav. display-sav-balancel), sav. ngthrand_saw(), Save. drsplay-savebalance(); if (type = = 2) system. out, printer ("current Account"); current (un = new current(), cur get cur balance (); aur. display-curbalancel d'i aur. compute aur service charges (), cur. display-cur balance (); Cur. withdrawleux(); Cur-display-cur-balance();