// Drea using Amtract class import j'ava . util. "; about act class shape ? Int az7; int b= 6; abstract int print sored); class Restangle extends enapel? not print Fra() & System. out . printh (" orea of. rectangle is" return 0; clars Right Triangle extends Shape & in pront orea (1) { System out prouth (" Area of n'ght mayle is + ((int) a b 0.5)); resum 0;

class Circle extends mayor ? int print brial ? System. out. printh (" orea of rectangle is + ((ilut)3.14 "a"a)); resund; public Static void main (8thly args[]) { class Area E Redangle v= new Restangle (); Right Manyle t= new Right Throngle); circle c = new circle(); - Enage s', s. print breal); s, print tral); s. Protes Breal? 5 = C')

Area of right triangle is 21.0 Area of rectangle is 147

C:\Users\praji\Desktop\java>java Area

Area of rectangle is 42

// Bank Account (Invenitance) import. java. utili"; Class Arwnits Seanner in= new Scanner (System in) String aust - name; int ace-no; public jut balance; int type-ciccount; public int amount; public void withdraw () { System. out. printin ("Enter ur a ciont Salomai"); Dalance = in. nent Intl); Cyston. out - prott C'enter me amount to by withorown; 1); amond = in next Inter; if (amount > balance) & System. out provident "Fromphicient Balong"); displays!; else E balance - amount; balance =

```
putur void depont()
     System, out forhtln (" Entr ur a ce bolonei").
                    is, neut Int();
     System out provide ( 'sutor the amount you sugart to deposit: ).
       amount = in nent Int())
                    balance + amount,
    public voted display()
        System out printin ("your Account balonce
```

Current extends Account class withdraw public void Darsatty) : Y (balance < 1000) E balance = Balance /20; System out prohitan System. out. poutton !! sutor ur a cloud ba:"). Balance z in new Juth! System of mythe " Enter the amount to withdrawn: "); ('(Hent Tues. is = turouno if (amount > halana & Coyston out -pointh (1' Troughtiet Ralance"); display(1) else E balonce: balonce - amout i i) [balance < 1000) { valance: balance-201) Systemont might (" scorvice Mans nouve been applied dry bal les bal les bren min her!")

displans! Saving extends Aevont &

public void compute Interest ()

s System. out. println ("Enter we ac System. out. println ("Enter bad:"); balance = in-neut In+(); Coyster out prut (" sonter me time: "); t=\n.nent Int(); balance = balance (1+2"t); display(1) public static void mais (8mg angs[7) { Bank E int choice" a= nu Amont(); c = new currat(); Account Curant s: new Saving (1) Sarily in = new Scemner (Systom.i) Scanner

for (;;) E System. out. posts ("Entrur name; \n"); a. cust-name = is. neutl); System · out. muth ("suter ur Auontin.) a. all-no=h. nont Fut(1) System. out. must be a crowd bype of a croud, in 1. Senings n. 2 - Currothing a. type -account = in. neut Int(), System out i printly ("Choose writing operation"), System out privating! 1. deprent in 2. w. Hadrand in 3. deponit musest Couly for sanitys?"); choice = in nent FAT()) ewitch (choice) { care 1: 13 (a.typ-accout = = 2) { c + depron'+(); eln E 5. depion't (s) break;

if (a. type - auont = = 2) & c. withorow (1) c. Penalty (); break, S. compute Interest (); : Systen enit (D);

```
Enter ur name:
asd
Enter ur Account number:
123
Choose type of account :
1.Savings
2.Current
Choose which operation u want to perform:
1.deposit
withdrawal
3.deposit Interest(Only for savings account)
Enter ur account balance:
Enter the amount u want to withdraw:
your Account balance is : 898
Balance is less than min bal hence service charge has been applied
your Account balance is : 878
Enter ur name:
Enter ur Account number:
123
Choose type of account :
1.Savings
2.Current
Choose which operation u want to perform:
1.deposit
2.withdrawal
3.deposit Interest(Only for savings account)
Enter ur account balance:
789
Enter the amount u want to deposit:
your Account balance is : 823
Enter ur name:
asd
Enter ur Account number:
```

```
Enter ur Account number:
123
Choose type of account :
1.Savings
2.Current
Choose which operation u want to perform:
1.deposit
2.withdrawal
3.deposit Interest(Only for savings account)
Enter ur account balance:
789
Enter the amount u want to deposit:
34
your Account balance is : 823
Enter ur name:
asd
Enter ur Account number:
123
Choose type of account :
 1.Savings
 2.Current
Choose which operation u want to perform:
1.deposit
2.withdrawal
3.deposit Interest(Only for savings account)
Enter ur account balance:
3456
Enter the time interval:
your Account balance is : 17280
Enter ur name:
```