```
import java.util.*;
abstract class account
{
  String name;
  String acc-no;
  String type;
  double balance;

account (String n, String a, String t, double b)
  {
    name = n;
    acc_no = a;
    type = t;
  balance = b;
}

abstract void deposit();
abstract void display();
abstract void withdraw();
abstract void fine();
abstract void inter();

}

class curr_acc extends account
{
  curr_acc (String n, String a, String t, double b).
    {
      super (n, a, t, b);
    }
```

```
void fine()
{
  if (balance <500)
  {
  System.out.println("You will see fined 200 Rs
because min balance should be 500);
   display();
  }

 else
   {
   System.out.println("You will not be charged fine");
   }
}
void display();
{
  System.out.println("Name of A/c holder" +name);
  System.out.println("A/c no." +acc_no);
  "      "      "  ("Type" + type);
  "      "      "  ("Balance:" +balance);
}
void deposit()
{
 double sum;
 Scanner sc = new Scanner(System.in);
 System.out.println("Enter Amount:");
  sum = sc.nextDouble();
balance = balance +sum;
display();
```

```
void withdraw()
{
  double sum;
  Scanner sc = new Scanner(System.in)
System.out.println("Enter the amount to withdraw");
  sum = sc.nextDouble();
balance = balance - sum;
if (balance >= 500)
  {
    display();
  }
else
{
System.out.println("You cannot withdraw");
    fine();
}
}

void interest()
{
   System.out.println("No Interest");
}

}
```

```
class sav_account extends account.
{
sav_acc (string n, string a, string t, double b)
    {
      super (n, a, t, b);
    }
void display()
{
System.out.println ("Name of a/c holder", name);
System.out.println ("A/C no.:", acc_no);
System.out.println ("Type:" +type);
System.out.println ("Balance" +balance);
}
void withdrawl()
{
double sum;
Scanner sc = new scanner (System.in);
System.out.println("Enter the amt");
double sum = sc.nextDouble();
balance = balance - sum;
display();
}
```

```
void deposit()
{
 int sum;
 Scanner sc = new scanner(System.in);
 System.Out.println(" Enter principal to deposit");
 sum = sc.nextInt();
 balance += sum;
 display();
}
void interi()
{
double r, t;
double intrest, amount, power;
Scanner sc = new Scanner(System.in);
System.out.println(" Enter rate of interest");
 r = sc.nextDouble();
System.out.println("Enter time");
t = sc.nextDouble();

power = Math.pow(1+((r)/100)), t);
amount = bal * power;
System.out.println("Intrest:" + intrest);
display();
}
```

```
class test1
{
  public static void main(String args[]).
  {
    account c;
    Scanner sc: new Scanner (System.in);
    String name, acc_num, typ;
    int option
    double bal;
    System.out.println(" Enter the name");
    name = sc.next();
    System.out.println(" Enter A/c no.");
    acc_num = sc.next();
    typ
    System.out.println(" Enter the minimum balance in a/c");
    bal = sc.nextDouble();
    System.out.println(" 1: Current Account");
                       (" 2: Saving A/c");
                       (" 3: Exit ");
                       (" Enter choice");
    Option = sc.next Int();

switch (option)
  {
    case 1:
      curr_ac c = new curr-acc (name, acc_num, typ, b
      a=c;
      int counter;
      do
        {
          System.out.println(" 1: click for fine");
```

```
System.out.println("2:Deposit");
"    "    "        ("3:withdraw");
"    "    "        ("4:exit");
"    "    "        ("enter your choice");
counter = sc.nextInt();
switch (counter)
{
case 1:
    a.fine();
    break();
}

case 2:
{ a.deposit()
    break;
}

case 3:
    a.withdraw();
    break;

case 4:
    System.exit(statusD);
    break;
}

} while (counter != 4);
break;

case 2:
    sav_acc = new sav_acc(name, acc_num, type, bal);
    a = s
```

```
int ch;
do
{
  System.out.println("1: deposit");
  "  "  "  ("2: withdraw");
  "  "  "  ("3: interest");
  "  "  "  ("4: exit");
  "  "  "  ("Enter");
  ch = next.Int();
  switch (ch)
  {
  case 1:
      a.deposit();
      break;

  case 2:
      a.withdraw();
      break;
  case 3:
      a.inter();
  case 4:
     a.System.exit(status:0);
      break;
  }
} while (ch!=4);
break;

case 3:
    System.exit(status 0);
    break;
}
```