```java
package bank_app;

import java.util.Scanner;

class Details {
      String Acc_No;
      String name;
      String Acc_type;
      long balance;

      Scanner sc = new Scanner(System.in);
      //To open new account
      public void Open_Account() {
            System.out.println("Enter Acnt no : ");
            Acc_No = sc.next();
            System.out.println("Enter Name : ");
            name = sc.next();
            System.out.println("Enter Acnt type : ");
            Acc_type = sc.next();
            System.out.println("Enter Balance : ");
            balance = sc.nextLong();
        }
    //Display the account details
      public void show() {
      System.out.println("Account no: " +Acc_No);
      System.out.println("Name of the acnt holder: " +name);
      System.out.println("Account type: " +Acc_type);
      System.out.println("Balance: " +balance);
        }

//to deposit money
public void deposit() {
      long amt;
      System.out.println("Enter the amount you want to deposit : " );
      amt = sc.nextLong();
      balance = balance +amt;
      System.out.println("Success..!");
      System.out.println("Remaining Balance : "+balance );
}
//to withdrawal money
public void withdrawal() {
      long amt;
      System.out.println("Enter the amount you want to withdrawal : " );
      amt = sc.nextLong();
      if(balance>=amt) {
      balance = balance - amt;
      System.out.println("Balance amount : " +balance );}
      else {
            System.out.println("Insufficient Balance : " +amt+ "\n Transaction
Failed...!" );
            }
        }
//to search account number
public boolean search(String acnt_no) {
```

```java
        if(Acc_No.equals(acnt_no)) {
            show();
             return(true);
             }
        return(false);
    }
}

public class Bank_Details{
    public static void main(String[]args) {
        Scanner sc = new Scanner(System.in);
        //To create initial account
        System.out.println("How many customers you want to input ?");
        int n = sc.nextInt();
        Details D[] = new Details[n];
        for(int i =0;i<D.length;i++) {
            D[i]= new Details();
            D[i].Open_Account();
        }

        int ch;
        do{
            System.out.println("\n **Banking Application** ");
            System.out.println("1.Display all account details \n 2.Search
by account number \n 3.Deposit the amount \n 4.Withdraw the amount \n
5.Exit\n");
            System.out.println("Enter your choice");
        ch= sc.nextInt();
        switch(ch) {
        case 1 :
          for(int i=0;i<D.length;i++) {
               D[i].show();
          }
          break;
        case 2:
          System.out.println("Enter account no you want to search");
          String acnt_no = sc.next();
          boolean found = false;
          for(int i=0;i<D.length;i++) {
               found =  D[i].search(acnt_no);
               if(found) {
                    break;
               }
          }
          if(!found) {
               System.out.println("failed! Account doesn't exist !! ");

          }
          break;
        case 3:
          System.out.println("Enter account no :");
          acnt_no = sc.next();
          found = false;
          for(int i=0;i<D.length;i++) {
```

```java
                    found =  D[i].search(acnt_no);
                    if(found) {
                            D[i].deposit();
                            break;
                    }

            }
            if(!found) {
                    System.out.println("failed! Account doesn't exist !!");
            }
                break;
        case 4:
            System.out.println("Enter account no :");
            acnt_no = sc.next();
            found = false;
            for(int i=0;i<D.length;i++) {
                    found =  D[i].search(acnt_no);
                    if(found) {
                            D[i].withdrawal();
                            break;
                    }

            }
            if(!found) {
                    System.out.println("failed! Account doesn't exist !!");
            }
                break;

        case 5 :
            System.out.println("See you soon..!!");
            break;

        }
        }
    while(ch!=5);
        }
}
```