```
import java. Util. Scanner;
Class Account &
                      private int accountnumber;
                       perivate string account Haldre Name;
                       private double balance;
                      Private String ermail;
                      private string phoneNumber;
                      Public Account Cirrt accountNumber, String accountHolder Norme, double balance, String enail,
                                this accountNumber = accountNumber;
                                                                                                                                                            String phonenumber) &
                                this account Halder Name = account Halder Name;
                                this. balance = balance;
                                this. email = email;
                                this. phone Number = phone Number;
                                                                                                                                                                                   mortions silver
                     Public Void deposit (double amount) &
                            if comount 20)&
                                    balance += annount;
                                   System. Out. Phintln ("Total amount of rupes"+ amount + "Your amount tras buindipushed
                          } else {
                                                                                                                                          successfully! New Balonce: "+ balonce);
                                  System. Out. Phintln ("Trualid amount. Deposit failed.");
               3
                                                                                                          of Lyon A street like of Sus
                public void withdraw (double amount) &
                         if (amount >0 44 amount <= belong) & some of the second of
                                 System. Oct. phinteln (" Amount with drawn Euccloquely! New Belone: "+balonce);
                        zemer
                                System. out. print ln (" Frualid amount of Insufficient balance.");
                         3
              3
               public void display Account Details ( ) &
                          System. Out. Print ln ("Account Number: "+ account Number);
                         System. out. print In ("Account Holder: "+ account Holder Name);
```

System. out. print In ("balance: "+ balance);

```
System. But. Bristen ("Email: "+ email);
     System. Quet. Privater ("Phone Number: "+ phone Number);
  Public int get Account Number () &
     return account Number;
  Public void update (Ortact Details (Stringermail, String from Number) &
     this emall = email;
      this. phon Number = phone Number;
      System. Out. printen ("Cortact debails updated successfully!");
3
Public class Main &
    Psivate Account[];
    perivate int account count;
    phivate Scanning Sc;
    Public Main Cint 5122) &
       accounts = new Account [size];
        a ccount (ount = 0;
         Sc = new Scanner (System. in);
    3
    public void Creete Account () &
       System. Out. Print ("Enter Account holder name: ");
        String name = Sc. nextline();
       System. Out. print ("Enter initial deposit amount: ");
       double amount = Sc. next double ();
        Sc. next line ();
       System. Out. Phint ("Enter ann ermail addhes: ");
        String email = sc. nextine();
        System. Out. print ("Enterphone Number: ");
        Staing phon = Sc. next Une();
        int account Number = 1001+ account (ount;
        accounts [account (ount ] = grew Account (account Number, many, amount, small, phon);
```

```
System. Out. Print by ("Account Created Successfully with Account Number: "+ account Number;
  public void puyam Deposit () &
    System. out paint ("Enter account number: ");
    intaccNo=Sc.nuxtine();
    System. Dut. frint ("Enter amount to deposit: ");
    double amount = SC. nxtDouble();
    Sc. next line ();
    Account acc = find Account (acc No);
    if (ace!= nue) {
        acc. deposit (amount);
    fellet
       System. Out. println ("Account mot found");
 z
 public Void performulithdrame () &
   System. Out. printen ("Enter account Number: ");
    int a colo = Sc. next Fit();
    Sc. natlin();
 Account acc = find Account (acc No);
 y (acc!=nul) {
    System. Out. print (" Enter amount to withdraw: ");
     double amount = SC. next Double ();
     Sc. next Line ();
    acc. withdraw (amount);
 felse &
     System. Out. Printen ("Account not found!");
  z
Public void Show Account Details ()&
   System. out. println ("Enter Account number: ");
    int acc No = Sc. next Int ();
    sc. mxtum();
```

```
Account acc = find Account CaccNo);
  if (acc != nul) &
     acc. display Account Retails ();
  Jelse &
     System. out. println ("Account not found!");
   3
4
public void update (ortact () §
    System. Out. print ("Entre Account Number: ");
    int acc No = Sc. next Fit ();
    Sc. next line ();
    Account acc = find Account (acNo);
    if (acc!=nue){
        System. Out. Print ("Entre new Email: ");
         5thing email = Sc. next line();
        3ystem. Out. print (" Syter new from number: ");
         Staing phone = Sc. mxt lim ();
        acc. update (ortact letails (errail, phone);
     Jels &
        System Out . printly ("Account not found!");
     B
  3
  private Account find Account (int accNo) &
      for Cint i=0; ix account (ount; i++) &
         if (accounts [i]. get Account Number () = = acorb) {
            Suturn accounts [i];
      return null;
  public void main Munu () S
      hat choice;
```

300

```
System. Out. Printle ("I'm welcom to the Banking Application! ");
     System. our. print In (" I. Creak a new Account");
    System. Our. privater ("2. Reposit mony ");
    System. aus. printen ("3 withdraw money");
    System. Out. printen ("4. View Account details");
    System . our printen ("5. update (ontace details");
    System. act. println ("6. Exit");
    System. out. printen (" Enter pour choice: ");
    choice = SC. next Int ();
    SC- muxt Lime();
    Switch (Choice) &
         Case 1: Create Account (); break;
         Cased: purform Deposit(); breat;
         Case 3: perform with drawal (); breat;
         Case 4: Show Account Octable (); break;
         Case 5: update (ortace (); breat;
          Case 6: System Det. Printen ("Transpor for wing the Borking Application"); brot;
         default: System. out . print by (" Trudied choice . Try again. ");
      B
   g while (choice !=6);
3
Public Static vold main (String EJ orgs) &
   Main Vi= now Main (100);
    bi main Menu ();
3
```