Mini project java

Code:

```java
Import java.io.*;

Class project_restaurant
{
Static String ch,ch1;
Static void main_menu() throws IOException
{
 BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
 System.out.println("1.Login credentials");
 System.out.println("2.proceed");
 Int n=Integer.parseInt(br.readLine());


 If(n==1)
 {
 User_menu();
 }
 Else
 {
 Proceed_menu();
 }


 }
Static void delete_user()throws IOException
{
        Int l=0;
        String t,t2;
        String Z[]=new String [1000];
```

```java
FileReader fr1=new FileReader("E://SHIS.txt");

BufferedReader br2=new BufferedReader(fr1);

While((t=br2.readLine())!=null)

{

   Z[l]=t;

   L++;

}

FileWriter fw=new FileWriter("E://SHIS.txt");

BufferedWriter bw=new BufferedWriter(fw);

PrintWriter pw=new PrintWriter(bw);

 BufferedReader br7=new BufferedReader(new InputStreamReader(System.in));

 System.out.println("Enter the username");

 String name2=br7.readLine();

 System.out.println(name2+l);

 For(int j=0;j<l;j++)

{

   T2=Z[j];

   Int m=t2.indexOf(',');

   String n2=t2.substring(0,m);

   String nn=t2.substring(m+1,t2.length());


   If((name2.compareTo(n2))==0)

   {


   For(int k=j;k<(l-1);k++)

   {

   Z[k]=Z[k+1];

   }
```

```java
            l--;

            for(int k=0;k<l;k++)

            {

            System.out.println(Z[k]);

            Pw.println(Z[k]);

            }

            Pw.close();

            System.out.println("Deleted successfully");

             Break;

             }

           }

          Main_menu();

}

   Static void view_user()throws IOException

   {  String t;

      FileReader fr1=new FileReader("E://SHIS.txt");

      BufferedReader br2=new BufferedReader(fr1);

      While((t=br2.readLine())!=null)

      {   int m=t.indexOf(';');

         System.out.println(t.substring(0,m));

      }

      Main_menu();


   }

   Static int price( String x)throws IOException

   {

    String t;int n=0;

    FileReader fr1=new FileReader("E://menu.txt");
```

```java
        BufferedReader br2=new BufferedReader(fr1);

     While((t=br2.readLine())!=null)

      {   int m=t.indexOf('_');

          If(x.compareTo(t.substring(0,m))==0)

          {


             N=Integer.parseInt(t.substring(m+1,t.length()));

          }

          System.out.println(t.substring(0,m));

      }

    Return n;

  }

  Static void edit_user()throws IOException

  {

     Int l1=0;

     String Y[]=new String [100];

     FileReader fr2=new FileReader("E://SHIS.txt");

     BufferedReader br4=new BufferedReader(fr2);

     String t1;

     While((t1=br4.readLine())!=null)

     {

      Y[l1]=t1;

      L1++;

     }

     BufferedReader br5=new BufferedReader(new InputStreamReader(System.in));

     System.out.println("Enter the username");

     String name1=br5.readLine();

     For(int j=0;j<l1;j++)
```

```java
        {
        T1=Y[j];
        Int q=t1.indexOf(';');
        String n1=t1.substring(0,q);
        String p11=t1.substring(q+1,t1.length());
        If((name1.compareTo(n1))==0)
        {
        System.out.println("Enter the new password to be changed");
        String passw=br5.readLine();
        Y[j]=n1+","+passw+",user";
        System.out.println("Password is changed successfully");
        FileWriter fw1=new FileWriter("E://SHIS.txt");
        BufferedWriter bw1=new BufferedWriter(fw1);
        PrintWriter pw1=new PrintWriter(bw1);
        For(int i=0;i<l1;i++)
          {
            Pw1.println(Y[i]);
          }
        Pw1.close();


        Break;
        }
      }
    Main_menu();
    }
Static void add_user()throws IOException
{
    Int l=0;
```

```
String t;

String X[]=new String [1000000];

FileReader fr1=new FileReader("E://SHIS.txt");

BufferedReader br2=new BufferedReader(fr1);

While((t=br2.readLine())!=null)

  {

   X[l]=t;

   L++;

  }

FileWriter fw=new FileWriter("E://SHIS.txt");

BufferedWriter bw=new BufferedWriter(fw);

PrintWriter pw=new PrintWriter(bw);

BufferedReader br3=new BufferedReader(new InputStreamReader(System.in));

System.out.println("Enter the username to be added");

String name=br3.readLine();

System.out.println("Enter the password to be added");

String pass2=br3.readLine();

X[l]=name+","+pass2+",user";

For(int i=0;i<=l;i++)

  {

    Pw.println(X[i]);

  }

Pw.close();

System.out.println("User is added successfully");

Main_menu();

}

    Static void user_menu()throws IOException

    {
```

```java
BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
System.out.println("1.Add user");
System.out.println("2.Edit user");
System.out.println("3.Delete user");
System.out.println("4.View user");
System.out.println("5.return");
String ch2=br.readLine();
Switch(ch2)
{
    Case "1":
    Add_user();

    Break;
    Case "2":
    Edit_user();
    Break;
    Case "3":
    Delete_user();

    Break;
    Case "4":
    View_user();
    Break;
    Case "5":
    Main_menu();
    Break;
  }
}
```

```java
Static void billing()throws IOException
    {
      BufferedReader s=new BufferedReader(new InputStreamReader(System.in));
      Int sum=0;char ch=' ';int i=0;
      String x[]=new String[1000];
      System.out.println("enter the customer name ");
      String cname=s.readLine();
      Do{
      System.out.println("enter the item");
      String name=s.readLine();
      System.out.println("enter the quantity");
      Int q=Integer.parseInt(s.readLine());
      Int pri=price(name);
      Sum=sum+pri*q;
      System.out.println("enter \"c\" to add next item or end..");
      Ch=s.readLine().charAt(0);
      X[i]="                    ";

      For(int v=0;v<44;v++)
      {
        If(v==0)
        {
          X[i]=name;v=v+name.length()-1;
        }
        Else if(v==11)
        {  String pri1=""+pri;
          X[i]=x[i]+pri;v=v+pri1.length()-1;
        }
```

```java
        Else if(v==23)

        {   String q1=""+q;

            X[i]=x[i]+q1;v=v+q1.length();

        }

        Else if(v==40)

        {   String q2=""+pri*q;

            X[i]=x[i]+q2;v=v+q2.length()-1;

        }

        Else

        {

            X[i]=x[i]+" ";

        }


    }



I++;

System.out.println("amount =="+sum);

}

While(ch =='c');


System.out.println("total amount =="+sum);

System.out.println("name =="+cname);

System.out.println("Item    price    quanitity    total\n");

For(int j=0;j<i;j++)

{

    System.out.println(x[j]);

}

System.out.println("Total Bill ---              "+sum);
```

```
        Proceed_menu();

}


Static void proceed_menu()throws IOException

{

    BufferedReader br=new BufferedReader(new InputStreamReader(System.in));

    System.out.println("1.items...");

    System.out.println("2.billing..");

    System.out.println("3.end..");

    String ch2=br.readLine();

    Switch(ch2)

    {

        Case "1":

        Item_menu();


        Break;

        Case "2":

        Billing();


        Break;


         Case "3":





        Break;

    }

}
```

```java
Static void item_menu()throws IOException
    {
        BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
        System.out.println("1.Add item");
        System.out.println("2.Edit item");
        System.out.println("3.Delete item");
        System.out.println("4.View item");
        System.out.println("5.return");
        String ch2=br.readLine();
        Switch(ch2)
        {
            Case "1":
            Add_item();

            Break;
            Case "2":
            Edit_item();
            Break;
            Case "3":
            Delete_item();

            Break;
            Case "4":
            View_item();
            Break;
            Case "5":
            Proceed_menu();
            Break;
```

```java
                }
        }
    Static void delete_item()throws IOException
{

    Int l=0;

    String t,t2;

    String Z[]=new String [1000];

    FileReader fr1=new FileReader("E://menu.txt");

    BufferedReader br2=new BufferedReader(fr1);

    While((t=br2.readLine())!=null)

    {

        Z[l]=t;

        L++;

    }

    FileWriter fw=new FileWriter("E://menu.txt");

    BufferedWriter bw=new BufferedWriter(fw);

    PrintWriter pw=new PrintWriter(bw);

    BufferedReader br7=new BufferedReader(new InputStreamReader(System.in));

    System.out.println("Enter the item");

    String item2=br7.readLine();

    System.out.println(item2+l);

    For(int j=0;j<l;j++)

    {

        T2=Z[j];

        Int m=t2.indexOf('_');

        String n2=t2.substring(0,m);

        String nn=t2.substring(m+1,t2.length());
```

```
        If((item2.compareTo(n2))==0)

        {


        For(int k=j;k<(l-1);k++)

        {

        Z[k]=Z[k+1];

        }

        l--;

        for(int k=0;k<l;k++)

        {

        System.out.println(Z[k]);

        Pw.println(Z[k]);

        }

        Pw.close();

        System.out.println("Deleted successfully");

        Break;

        }

     }

    Proceed_menu();

  }


  Static void add_item()throws IOException

    {
Int l=0;

String t;

String X[]=new String [1000000];

FileReader fr1=new FileReader("E://menu.txt");
```

```java
        BufferedReader br2=new BufferedReader(fr1);

        While((t=br2.readLine())!=null)

          {

           X[l]=t;

           L++;

          }

        FileWriter fw=new FileWriter("E://menu.txt");

        BufferedWriter bw=new BufferedWriter(fw);

        PrintWriter pw=new PrintWriter(bw);

        BufferedReader br3=new BufferedReader(new InputStreamReader(System.in));

        System.out.println("Enter the item to be added");

        String itemname=br3.readLine();

        System.out.println("Enter the price to be added");

        String itemprice2=br3.readLine();

        X[l]=itemname+"_"+itemprice2;

        For(int i=0;i<=l;i++)

          {

           Pw.println(X[i]);

          }

        Pw.close();

        System.out.println("item is added successfully");

        Proceed_menu();

}


        Static void view_item()throws IOException

      {  String t;

        FileReader fr1=new FileReader("E://menu.txt");

        BufferedReader br2=new BufferedReader(fr1);
```

```java
While((t=br2.readLine())!=null)
{   int m=t.indexOf('_');
    System.out.println(t.substring(0,m));
}
Proceed_menu();

}


    Static void edit_item()throws IOException
{
    Int l1=0;
    String Y[]=new String [100];
    FileReader fr2=new FileReader("E://menu.txt");
    BufferedReader br4=new BufferedReader(fr2);
    String t1;
    While((t1=br4.readLine())!=null)
    {
     Y[l1]=t1;
     L1++;
    }
    BufferedReader br5=new BufferedReader(new InputStreamReader(System.in));
    System.out.println("Enter the item");
    String item1=br5.readLine();
    For(int j=0;j<l1;j++)
    {
     T1=Y[j];
     Int q=t1.indexOf('_');
     String n1=t1.substring(0,q);
```

```java
String p11=t1.substring(q+1,t1.length());

If((item1.compareTo(n1))==0)

{

System.out.println("Enter the new price to be changed");

String price=br5.readLine();

Y[j]=n1+"_"+price;

System.out.println("price is changed successfully");

FileWriter fw1=new FileWriter("E://menu.txt");

BufferedWriter bw1=new BufferedWriter(fw1);

PrintWriter pw1=new PrintWriter(bw1);

For(int i=0;i<l1;i++)

  {

     Pw1.println(Y[i]);

  }

Pw1.close();


Break;

}

}

Proceed_menu();

}




Public static void main(String bb[])throws IOException

{

BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
```

```java
System.out.println("Enter the user ID");

String uid=br.readLine();

System.out.println("Enter the password");

String pass=br.readLine();

FileReader fr=new FileReader("E://SHIS.txt");

BufferedReader br1=new BufferedReader(fr);

String txt;

While((txt=br1.readLine())!=null)

{

    Int p1=txt.indexOf(',');

    Int p2=txt.lastIndexOf(',');

    String uid1=txt.substring(0,p1);

    String pass1=txt.substring(p1+1,p2);

    String r=txt.substring(p2+1,txt.length());

    String r1="admin";


    If((uid.equals(uid1)))

    {

        If(pass.equals(pass1)){

            If(r.equals(r1)){

                Main_menu();

            }

            Else{

                Proceed_menu();

            }

        }

    }
```

```
        }
    System.out.println("Thank you");
}
}
```