Plastic Management System:

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**Project Definition:** This is a Plastic Management program. In this there are two kinds of users:

1. Committee Member: The person who collects the plastic from households from the purpose of recycling.
2. Household Member: This is the person who gives the plastic to the committee member for recycling. Assumption: only one member form one household registers into the system.

* This program has the facility of login and sign up. The system will ask for the username and password from every committee member and household member if they are already registered and if not registered yet then they can sign-up.
* The system will store the login details and contributions from each member in the respective files.
* The system will prompt the committee member when to collect the plastic from a particular are and when not to by accessing the data of the files that have already been created when taking input from household members.

**Java Program file(/s).**

Name of file: TestUser.java

File purpose: Main function of our file

Java file code:

import java.io.IOException;

import java.util.Scanner;

class TestUser {

    static void Welcome()

    {

        System.out.println("-------------------------------------------------------------------------------------------------------------------------------------------");

        System.out.println(" \t\t\t\t\t\t\tWELCOME TO PLASTIC MANAGEMETN SYSTEM ");

        System.out.println("-------------------------------------------------------------------------------------------------------------------------------------------");

        System.out.println(" \t\t\t\t\t\t\tWe believe in protecting the Nature ");

        System.out.println("-------------------------------------------------------------------------------------------------------------------------------------------\n\n");

    }

    public static void main(String[] args) throws IOException

    {

        Welcome();

        Scanner sc=new Scanner(System.in);

        int val=0;

        do

        {

            System.out.println("1.User \n2.Committee Member \n Choose the login system to proceed in ");

            int choice=sc.nextInt();

            if(choice==1)

            {

                Plastic\_Gen user1 = new Plastic\_Gen();

                val=user1.input();

                if(val!=-1)

                {

                    user1.plasticType();

                    user1.displayWeight();

                }

            }

            else if(choice==2)

            {

                Plastic\_Com com=new Plastic\_Com();

                val=com.input();

                if(val!=-1)

                {

                    com.readCity();

                }

            }

            else

            {

                System.out.println("Invlaid Input");

                val=-1;

            }

            System.out.println("-------------------------------------------------------------------------------------------------------------------------------------------\n\n");

        }while(val==-1);

    }

}

**Java Program file(/s).**

Name of file: Login\_User.java

File purpose: Accommodates function of new user and existing user

Java file code:

import java.util.Scanner;

import javax.lang.model.util.ElementScanner6;

import java.io.\*;

class Login\_User extends Address {

    String name ;

    String customer\_id;

    private String password;

    private String securityAns;

    Scanner sc = new Scanner(System.in);

    Scanner sc2 = new Scanner(System.in);

    int flag;//for successful login

    File f1=new File("trial1.txt");

    FileWriter f=new FileWriter(f1,true);

    PrintWriter pw=new PrintWriter(f);

    BufferedReader br = new BufferedReader(new FileReader(f1));

    BufferedReader br1= new BufferedReader(new FileReader(f1));

    RandomAccessFile rand=new RandomAccessFile("trial1.txt", "rw");

    Login\_User() throws IOException

    {

        ;

    }

    int input() throws IOException

    {

        int ch;

        String temp;

        do

        {

            //rand.rewind();

            //rand.seek(0);

            System.out.print("\n1.Login \n2.Sign-Up \n3.Go Back to Main Menu  \nEnter your choice: ");

            ch = sc.nextInt();

            switch (ch) {

                case 1:

                    f1=new File("trial1.txt");

                    f=new FileWriter(f1,true);

                    pw=new PrintWriter(f);

                    br = new BufferedReader(new FileReader(f1));

                    //System.out.println(rand.getFilePointer());

                    existingUser();

                    if(flag==1)

                    {

                        flag=0;

                        return 1 ;//plastic section

                    }

                    break;

                case 2:

                    f1=new File("trial1.txt");

                    f=new FileWriter(f1,true);

                    pw=new PrintWriter(f);

                    br = new BufferedReader(new FileReader(f1));

                    System.out.println(rand.getFilePointer());

                    newUser();

                    break;

                case 3:

                    return -1; //main menu

                default:

                    System.out.println("\nEnter valid choice: ");

            }

            System.out.println("\nPress \"1\" for login/sign up page?");

            System.out.println("Press \"2\" for going to Plastic Section");

            System.out.println("Press \"0\" for exiting");

            System.out.print("Enter Your choice: ");

            ch = sc.nextInt();

            if(ch==0)

                System.exit(0);

        }while (ch == 1);

        pw.flush();

        pw.close();

        //rand.close();

        br.close();

        return ch;

    }

    void existingUser() throws IOException

    {

        int ch,p=0;

        String temp,temp2="",temp3="";

        sc.nextLine();

        System.out.print("\nEnter your name: ");

        name  = sc.nextLine();

        sc2.nextLine();

        String line=br.readLine();

        while(line!=null && p==0)

        {

            if("Name: ".equals(line.substring(0,6)))

            {

                if(name.equalsIgnoreCase(line.substring(6)))

                {

                    temp2=br.readLine();

                    p=1;

                }

            }

            //to read the next line

            line=br.readLine();

            temp3=line;

        }

        if(p==0)

        {

            System.out.println("\nInvalid Name! ");

            input();

        }

        else

        {

            //temp2-> password

            temp2=temp2.substring(10);

            temp3=temp3.substring(17);

        }

        sc.nextLine();

        System.out.print("\nDo you remember your password? \npress \"1\" for yes, else any other number ");

        System.out.print("\nEnter Your choice: ");

        ch = sc.nextInt();

        if (ch == 1)

        {

            sc.nextLine();

            System.out.print("\n------You Have 3 attempts!----\n");

            for (int i = 0; i <= 2; i++)

            {

                System.out.print("\nEnter your Password:  ");

                temp = sc.nextLine();

                sc.nextLine();

                //sc.nextLine();

                if(temp.trim().equals(temp2.trim()))

                {

                   flag=1;

                    System.out.println("\n-----------------------Login Successful------------------------\n");

                    return;

                    //break;

                }

                else

                {

                    System.out.println("\nYour Password doesn't match try again! \n");

                    if (i == 2)

                    {

                        System.out.println("\n--------You exceeded your attempts!-------\n");

                        System.exit(0);

                    }

                }

            }

        }

        else

        {

            System.out.print("\n----------You Have 3 attempts to enter correct Security Password!---------\n");

            for (int i = 0; i <= 2; i++)

            {

                sc.nextLine();

                System.out.println("\nEnter a Security answer to the question");

                System.out.println("\nQues- What is the name  of your first school? ");

                temp = sc.nextLine(); //entered security password

                sc.nextLine();

                if(temp.equals(temp3))

                {

                    System.out.println("Your Password is: "+ temp2);

                    break;

                }

                else

                {

                    sc.nextLine();

                    System.out.println("\n---------Your Security Answer doesn't match try again!------- \n");

                    if (i == 2)

                    {

                        System.out.println("\n------------You exceeded your attempts!-----------------\n");

                        System.exit(0);

                    }

                }

                sc.nextLine();

            }

        }

        pw.flush();

        f.flush();

    }

//same name

    void newUser() throws IOException

    {

        int p=0;

        do

        {

            sc.nextLine();

            System.out.print("\nEnter your Username:  ");

            name =sc.nextLine().trim();

            br=new BufferedReader(new FileReader("trial1.txt"));

            String line=br.readLine(); //checking duplicate

            while(line!=null)

            {

                if(("Name: " + name ).equalsIgnoreCase(line))

                {

                    p=1;

                    System.out.println("Username already exists");

                    break;

                }

                line=br.readLine();

            }

            if(p==0)

            {

                pw.println("Name: " + name );

                //p=0;

                break;

            }

        }while(p==1);

        System.out.print("Enter your Password:  ");

        password=sc.nextLine().trim();

        pw.println("Password: "+password);

        sc2.nextLine();

        System.out.print("\n\nEnter your Security answer (in case you forget your password) \n\nQues- What is the name  of your first school? : ");

        securityAns=sc.nextLine();

        pw.println("Security Answer: "+securityAns);

        sc2.nextLine();

        getAddress(pw);

        pw.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

        pw.flush();

    }

}

**Java Program file(/s).**

Name of file: Login\_Com

File purpose: Committee Login: Sign-up and Login

Java file code:

import java.util.Scanner;

import java.io.\*;

class Login\_Com {

    String name ;

    String customer\_id;

    private String password;

    private String securityAns;

    String area;

    String city;

    Scanner sc = new Scanner(System.in);

    Scanner sc2 = new Scanner(System.in);

    int flag;//for successful login

    File f1=new File("ComMember.txt");

    FileWriter f=new FileWriter(f1,true);

    PrintWriter pw=new PrintWriter(f);

    BufferedReader br = new BufferedReader(new FileReader(f1));

    BufferedReader br1= new BufferedReader(new FileReader(f1));

    RandomAccessFile rand=new RandomAccessFile("ComMember.txt", "rw");

    Login\_Com() throws IOException

    {

    }

    int input() throws IOException

    {

        int ch;

        String temp;

        do

        {

            System.out.print("\n1.Login \n2.Sign-Up \n3.Go Back to Main Menu \nEnter your choice: ");

            ch = sc.nextInt();

            switch (ch) {

                case 1:

                    f1=new File("ComMember.txt");

                    f=new FileWriter(f1,true);

                    pw=new PrintWriter(f);

                    br = new BufferedReader(new FileReader(f1));

                    existingCom();

                    if(flag==1)

                    {

                        flag=0;

                        return 1; //plastic section

                    }

                    break;

                case 2:

                    f1=new File("ComMember.txt");

                    f=new FileWriter(f1,true);

                    pw=new PrintWriter(f);

                    br = new BufferedReader(new FileReader(f1));

                    System.out.println(rand.getFilePointer());

                    newCom();

                    break;

                case 3:

                    return -1; //main menu

                default:

                    System.out.println("\nEnter valid choice: ");

            }

            System.out.println("\nPress \"1\" for login/sign up page?");

            System.out.println("Press \"2\" for going to Plastic Section");

            System.out.println("Press \"0\" for exiting");

            System.out.print("Enter Your choice: ");

            ch = sc.nextInt();

            if(ch==0)

                System.exit(0);

        }while (ch == 1);

        pw.flush();

        pw.close();

        br.close();

        return ch;

    }

    void existingCom() throws IOException

    {

        int ch,p=0;

        String temp,temp2="",temp3="";

        sc.nextLine();

        System.out.print("\nEnter your name: ");

        name  = sc.nextLine();

        sc2.nextLine();

        String line=br.readLine();

        while(line!=null && p==0)

        {

            if("Name: ".equals(line.substring(0,6)))

            {

                if(name.equalsIgnoreCase(line.substring(6)))

                {

                    temp2=br.readLine();

                    p=1;

                }

            }

            //to read the next line

            line=br.readLine();

            temp3=line;

        }

        if(p==0)

        {

            System.out.println("\nInvalid Name! ");

            System.out.println(temp3);

            input();

        }

        else

        {

            //temp2-> password

            temp2=temp2.substring(10);

            //temp3=br.readLine();

            //ans

            temp3=temp3.substring(17);

        }

        sc.nextLine();

        System.out.print("\nDo you remember your password \npress \"1\" for yes, else any other number ");

        System.out.print("\nEnter Your choice: ");

        ch = sc.nextInt();

        if (ch == 1)

        {

            sc.nextLine();

            System.out.print("\n------You Have 3 attempts!----\n");

            for (int i = 0; i <= 2; i++)

            {

                System.out.print("\nEnter your Password:  ");

                temp = sc.nextLine();

                sc.nextLine();

                //sc.nextLine();

                if(temp.trim().equals(temp2.trim()))

                {

                    flag=1;

                    System.out.println("\n--------Login Successful------\n");

                    //return;

                    break;

                }

                else

                {

                    System.out.println("\nYour Password doesn't match try again! \n");

                    if (i == 2)

                    {

                        System.out.println("\n--------You exceeded your attempts!-------\n");

                        System.exit(0);

                    }

                }

            }

        }

        else

        {

            System.out.print("\n----------You Have 3 attempts to enter correct Security Password!---------\n");

            for (int i = 0; i <= 2; i++)

            {

                sc.nextLine();

                System.out.println("\nEnter a Security answer to the question");

                System.out.println("\nQues- What is the name  of your first school? ");

                temp = sc.nextLine(); //entered security password

                sc.nextLine();

                if(temp.equals(temp3))

                {

                    System.out.println("Your Password is: "+ temp2);

                    break;

                }

                else

                {

                    sc.nextLine();

                    System.out.println("\n---------Your Security Answer doesn't match try again!------- \n");

                    if (i == 2)

                    {

                        System.out.println("\n------------You exceeded your attempts!-----------------\n");

                        System.exit(0);

                    }

                }

                sc.nextLine();

            }

        }

        pw.flush();

        f.flush();

    }

//same name

    void newCom() throws IOException

    {

        int p=0;

        do

        {

            sc.nextLine();

            System.out.print("\nEnter your Username:  ");

            name =sc.nextLine();

            br=new BufferedReader(new FileReader("Plastic\_Com.txt"));

            String line=br.readLine();

            while(line!=null)

            {

                if(("Name: " + name ).equalsIgnoreCase(line))

                {

                    p=0;

                    System.out.println("Username already exists");

                    break;

                }

                else

                {

                    pw.println("Name: " + name );

                    p=1;

                }

                line=br.readLine();

            }

        }while(p==0);

        System.out.print("Enter your Password:  ");

        password=sc.nextLine();

        pw.println("Password: "+password);

        sc2.nextLine();

        System.out.print("\n\nEnter your Security answer (in case you forget your password) \n\nQues- What is the name  of your first school? : ");

        securityAns=sc.nextLine();

        pw.println("Security Answer: "+securityAns);

        sc2.nextLine();

        int ch[]=new int[2];

        do

        {

            System.out.println("\n 1. Ahmedabad");

            System.out.println("\n 2. Rajkot");

            System.out.println("\n 3. Surat");

            System.out.print("\n Enter Your Choice for City name:  ");

            ch[0]=sc.nextInt();

            if(ch[0]<1||ch[0]>3)

            {

                System.out.println("\nInvalid Choice for city");

            }

            else

            {

                if(ch[0]==1)

                {

                    city="Ahmedabad";

                }

                else if(ch[0]==2)

                {

                    city="Rajkot";

                }

                else if(ch[0]==3)

                {

                    city="Surat";

                }

                System.out.println("\n1. North");

                System.out.println("\n2. East");

                System.out.println("\n3. West");

                System.out.println("\n4. South");

                System.out.print("\n\nEnter your Area ");

                ch[1]=sc.nextInt();

                if(ch[1]<1||ch[1]>4)

                {

                    System.out.println("\nInvalid Choice for area");

                }

                else if(ch[1]==1)

                {

                    area="North";

                }

                else if(ch[1]==2)

                {

                    area="East";

                }

                else if(ch[1]==3)

                {

                    area="West";

                }

                else

                {

                    area="South";

                }

            }

        }while(ch[0]<1||ch[0]>3||ch[1]<1||ch[1]>4);

        pw.println("City: "+city);

        pw.println("Area: "+area);

        pw.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

        pw.flush();

    }

}

**Java Program file(/s).**

Name of file: Address.java

File purpose: Address of users are stored

Java file code:

import java.util.Scanner;

import java.io.\*;

class Address

{

    Scanner sc=new Scanner(System.in);

    String city=new String();

    String area=new String();

    String street=new String();

    int pincode;

    int choice[]=new int[3];

    File f1=new File("trial1.txt");

    FileWriter f=new FileWriter(f1,true);

    PrintWriter pw=new PrintWriter(f);

    RandomAccessFile rand=new RandomAccessFile("trial1.txt", "rw");

    Address()  throws IOException

    {

    }

    void getAddress(PrintWriter pw1) throws IOException

    {

        pw=pw1;

        do

        {

            System.out.println("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Enter Your Address\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

            System.out.println("\n 1. Ahmedabad");

            System.out.println("\n 2. Rajkot");

            System.out.println("\n 3. Surat");

            System.out.print("\n Enter Your Choice for City name:  ");

            choice[0]=sc.nextInt();

            if(choice[0]<1||choice[0]>3)

            {

                System.out.println("\nInvalid Choice for city");

            }

            else

            {

                System.out.println("\n 1. North");

                System.out.println("\n 2. East");

                System.out.println("\n 3. West");

                System.out.println("\n 4. South");

                System.out.print("\nEnter Your Choice for Area name:  ");

                choice[1]=sc.nextInt();

                if(choice[1]<1||choice[1]>4)

                {

                    System.out.println("\nInvalid Choice for area");

                }

            }

        }while(choice[0]<1||choice[0]>3||choice[1]<1||choice[1]>4 );

        if(choice[0]==1)

        {

            city="Ahmedabad";

        }

        else if(choice[0]==2)

        {

            city="Rajkot";

        }

        else if(choice[0]==3)

        {

            city="Surat";

        }

        area();

        sc.nextLine();

        System.out.print("\nEnter Street name:  ");

        street=sc.nextLine();

        sc.nextLine();

        System.out.print("\nEnter Pincode:");

        pincode=sc.nextInt();

        pw.println("Street: "+street);

        pw.println("Area: "+area);

        pw.println("City: "+city);

        pw.println("Pincode: "+pincode);

        pw.flush();

    }

    void area() throws IOException

    {

        if(choice[1]==1)

        {

            area="North";

        }

        else if(choice[1]==2)

        {

            area="East";

        }

        else if(choice[1]==3)

        {

            area="West";

        }

        else

        {

            area="South";

        }

    }

    void displayAddress()

    {

        System.out.println("Address is:\n" + "\n" + street + "\n"+ area + "\n"+ city + "\n" + pincode);

    }

}

**Java Program file(/s).**

Name of file: Plastic\_Gen.java

File purpose: Adds the amount of plastic that user has to our system (“PlasticArea.txt”)

Java file code:

import java.io.\*;

import java.util.Scanner;

class Plastic\_Gen extends Login\_User

{

    Scanner sc=new Scanner(System.in);

    String plast\_types[]={"Transparent","Translucent","Black"};

    float w[]=new float[3];

    float weight;

    FileWriter f=new FileWriter("PlasticArea.txt",true);

    BufferedReader br = new BufferedReader(new FileReader("trial1.txt"));

    PrintWriter pw=new PrintWriter(f);

    Plastic\_Gen() throws IOException

    {

        weight=0.0f;

    }

    void plasticType() throws IOException // throws IOException

    {

        //input();

        System.out.println("---------------------Welcome to plastic Section ----------------------------------");

        int ch;

        do

        {

            System.out.println(" 1. "+plast\_types[0]);

            System.out.println(" 2. "+plast\_types[1]);

            System.out.println(" 3. "+plast\_types[2]);

            System.out.print("\nSelect Your Plastic Type: ");

            ch=sc.nextInt();

            if(ch==1 || ch==2 || ch==3)

            {

                System.out.print("\nEnter your estimated weight in \"grams\" (Only Numbers) ");

                weight=sc.nextFloat();

            }

            weight=sc.nextFloat();

            switch(ch)

            {

                case 1:

                    w[0]+=weight;

                    break;

                case 2:

                    w[1]+=weight;

                    break;

                case 3:

                    w[2]+=weight;

                    break;

                default:

                System.out.println("Invalid Type");

            }

            System.out.print("\nPress \"0\" to End else any other key To add more plastic type weight ");

            ch=sc.nextInt();

        }

        while(ch!=0);

        writeFile();

    }

    void writeFile() throws IOException

    {

        pw.println("Name: "+ name);

        String line=br.readLine();

        while(!(("Name: "+name).equals(line)))

        {

            line=br.readLine();

        }

        line=br.readLine();//for password

        line=br.readLine();//for security answer

        pw.println(br.readLine()); //Street

        area=br.readLine();

        pw.println(br.readLine());  //City

        pw.println(area);          //Area

        pw.println(br.readLine()); //Pincode

        pw.print("Transparent: ");

        pw.println(w[0]);

        pw.println("Transclusent: "+w[1]);

        pw.println("Black: "+w[2]);

        pw.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

        pw.flush();

        pw.close();

    }

    void displayWeight()

    {

        System.out.println("Final Weight\n");

        System.out.println("Transparent: "+w[0]);

        System.out.println("Transclusent: "+w[1]);

        System.out.println("Black: "+w[2]);

        System.out.println("Your entry has been taken wait for our staff to collect it");

    }

}

**Java Program file(/s).**

Name of file: Plastic\_Com.java

File purpose: Committee member checks the amount of plastic gathered in their area(to collect it )

Java file code:

import java.io.\*;

class Plastic\_Com extends Login\_Com

{

    //FileWriter f=new FileWriter("PlasticArea.txt",true);

    BufferedReader br = new BufferedReader(new FileReader("PlasticArea.txt"));

    //PrintWriter pw=new PrintWriter(f);

    double transpWeight=0.0f, translucentWeight=0.0f, blackWeight=0.0f ;

    int collected;

    Plastic\_Com() throws IOException

    {

    }

    void readCity() throws IOException

    {

        br = new BufferedReader(new FileReader("ComMember.txt"));

        String line=br.readLine();

        while(!("Name: "+name).equalsIgnoreCase(line))

        {

            //System.out.println("Name: "+name);

            line=br.readLine();

        }

        br.readLine(); //password

        br.readLine(); //security ans

        city=br.readLine(); //city

        area=br.readLine(); //area

        area=area.substring(6);

        city=city.substring(6);

        //System.out.println("Area of com  "+area +" city: "+city);

        areaWise();

        br.close();

    }

    void areaWise() throws IOException

    {

        //to bring the pointer back

        br = new BufferedReader(new FileReader("PlasticArea.txt"));

        //System.out.println("here in area wise ");

        String line =br.readLine();

        //System.out.println("before while "+line);

        while(line!=null)

        {

            //System.out.println(line);

            if(("City: "+city).equalsIgnoreCase(line))

            {

                //System.out.println(2);

                line=br.readLine(); //Area

                // System.out.println(line);

                if(("Area: "+area).equalsIgnoreCase(line))

                {

                    line = br.readLine();

                    line = br.readLine();

                    //System.out.println( Double.parseDouble(line.substring(13)));

                    transpWeight +=Double.parseDouble(line.substring(13));

                    //System.out.println(transpWeight);

                    translucentWeight += Float.valueOf(br.readLine().substring(14)).floatValue();

                    //System.out.println(translucentWeight);

                    blackWeight += Float.valueOf(br.readLine().substring(7)).floatValue();

                    //System.out.println(blackWeight);

                }

            }

            line=br.readLine();

        }

        if(transpWeight >= 500  || translucentWeight >= 500  || blackWeight >= 500)

        {

            System.out.println("You have Successfully been allotted to collect plastic from the following households in your area");

            System.out.println("\nTotal Weight to be collected is");

            System.out.println("1.Transparent: "+transpWeight);

            System.out.println("2.Transcluscent: "+translucentWeight);

            System.out.println("3.Black: "+blackWeight);

            dsiplayHouse();

        }

        else

        {

            System.out.println("Not enough weight to be collected! \nKindly check after some time");

        }

    }

    void dsiplayHouse() throws IOException

    {

        br = new BufferedReader(new FileReader("PlasticArea.txt"));

        String line=br.readLine();

        String collectName=line, collectStreet;

        while(line!=null)

        {

            //System.out.println(line);

            collectName=line;

            collectStreet=line=br.readLine(); //street

            line=br.readLine(); //city

            if(("City: "+city).equalsIgnoreCase(line))

            {

                line=br.readLine(); //area

                if(("Area: "+area).equalsIgnoreCase(line))

                {

                    System.out.println(collectName);

                    System.out.println(collectStreet);

                    System.out.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

                }

            }

            else

                line=br.readLine();

            for(int i=1;i<=5;i++)

                line=br.readLine(); // pin, plastics(3), line

            line=br.readLine();

        }

        br.close();

    }

}

//Text Files

**Java Program text.**

Name of text: ComMember.txt

File purpose: Saves the data of committee members that have signed up.

Name: Ramesh

Password: 12Ramsd

Security Answer: sedac

City: Ahmedabad

Area: East

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Ram

Password: yrbx735$

Security Answer: rehvad

City: Rajkot

Area: South

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Rakesh

Password: 123asdqwe

Security Answer: daexw

City: Ahmedabad

Area: West

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Ramesh

Password: ramesh@123

Security Answer: udgehbm

City: Surat

Area: West

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Rahul

Password: 1jsbdbj5

Security Answer: oydsbk

City: Rajkot

Area: North

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Nirav

Password: 1gdyvxjs

Security Answer: Devas

City: Ahmedabad

Area: South

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Divyank

Password: 129gdtc

Security Answer: agrsf

City: Surat

Area: East

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Pranav

Password: hydud132%

Security Answer: letydf

City: Ahmedabad

Area: West

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Shruti

Password: hydte132%

Security Answer: le736td

City: Ahmedabad

Area: South

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: sachin

Password: h947dbxv\*

Security Answer: lethdjdd

City: Rajkot

Area: West

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Nivan

Password: hyd63^525%

Security Answer: lejfktd

City: Surat

Area: North

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Nilesh

Password: h743hdg132%

Security Answer: letderx

City: Ahmedabad

Area: East

**Java Program text.**

Name of text: trial.txt

File purpose: Saves the data of user members that have signed up.

Name: Rahima Rao

Password: R@ahi123

Security Answer: dps

Street: lotus A 204

Area: North

City: Ahmedabad

Pincode: 379821

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Taha Firoz

Password: T#oop

Security Answer: kav

Street: A-404 Park Avenue

Area: West

City: Ahmedabad

Pincode: 390334

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Stuti

Password: 123%fd

Security Answer: kdav

Street: C-404 Ambika

Area: West

City: Rajkot

Pincode: 360005

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Anil

Password: 89$36

Security Answer: dps

Street: N-102, Radhe Society

Area: North

City: Surat

Pincode: 233312

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Kanisha Shah

Password: 123@kani

Security Answer: nirma

Street: N-403 Plaza Avenue

Area: West

City: Ahmedabad

Pincode: 234123

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Java Program text.**

Name of text: PlasticArea.txt

File purpose: Saves the data of user members that have signed up and who add their weight to be collected.

Name: Rahima Rao

Street: lotus A 204

City: Ahmedabad

Area: North

Pincode: 379821

Transparent: 90.0

Transclusent: 0.0

Black: 0.0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Taha Firoz

Street: A-404 Park Avenue

City: Ahmedabad

Area: West

Pincode: 390334

Transparent: 150.0

Transclusent: 150.0

Black: 50.0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Stuti

Street: C-404 Ambika

City: Rajkot

Area: West

Pincode: 360005

Transparent: 129.0

Transclusent: 0.0

Black: 160.0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Anil

Street: N-102, Radhe Society

City: Surat

Area: North

Pincode: 233312

Transparent: 440.0

Transclusent: 50.0

Black: 150.0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: Kanisha Shah

Street: N-403 Plaza Avenue

City: Ahmedabad

Area: West

Pincode: 234123

Transparent: 90.0

Transclusent: 800.0

Black: 0.0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

//Output















