



技职教育系

Department of Vocational Education

软件工程与移动应用程序开发课程

**Software Engineering and Application Developer
(SEMD)**

个人作业

Assignment

科目	Subject	Object-orientated Programming using Java
科目编号 Code	Subject	SEMD011
中文姓名 Name	Chinese	卢诚禧
英文姓名 Name	English	Loo Zhen Xi
学号 ID	Student	1850170
分数	Marks	

Loo Zhen Xi 1850170

Time Management

Week53) or 1) 30/12/2018-05/01/2019

Day	Date	Clock-In	Clock-Out	Total Hour
Monday	31-12-2018			
Tuesday	01-01-2019			
Wednesday	02-01-2019			
Thursday	03-01-2019			
Friday	04-01-2019			
Saturday	05-01-2019			

Reset

Calculate

Time Management

Week53) or 1) 30/12/2018-05/01/2019

Day	Date	Clock-In	Clock-Out	Total Hour
Monday	31-12-2018	09:00	17:00	8 Hours 0Minutes
Tuesday	01-01-2019	10:00	18:00	8 Hours 0Minutes
Wednesday	02-01-2019	08:00	20:00	12 Hours 0Minutes
Thursday	03-01-2019	09:00	17:00	8 Hours 0Minutes
Friday	04-01-2019	10:00	15:00	5 Hours 0Minutes
Saturday	05-01-2019	12:00	18:00	6 Hours 0Minutes
				47Hours 0Min

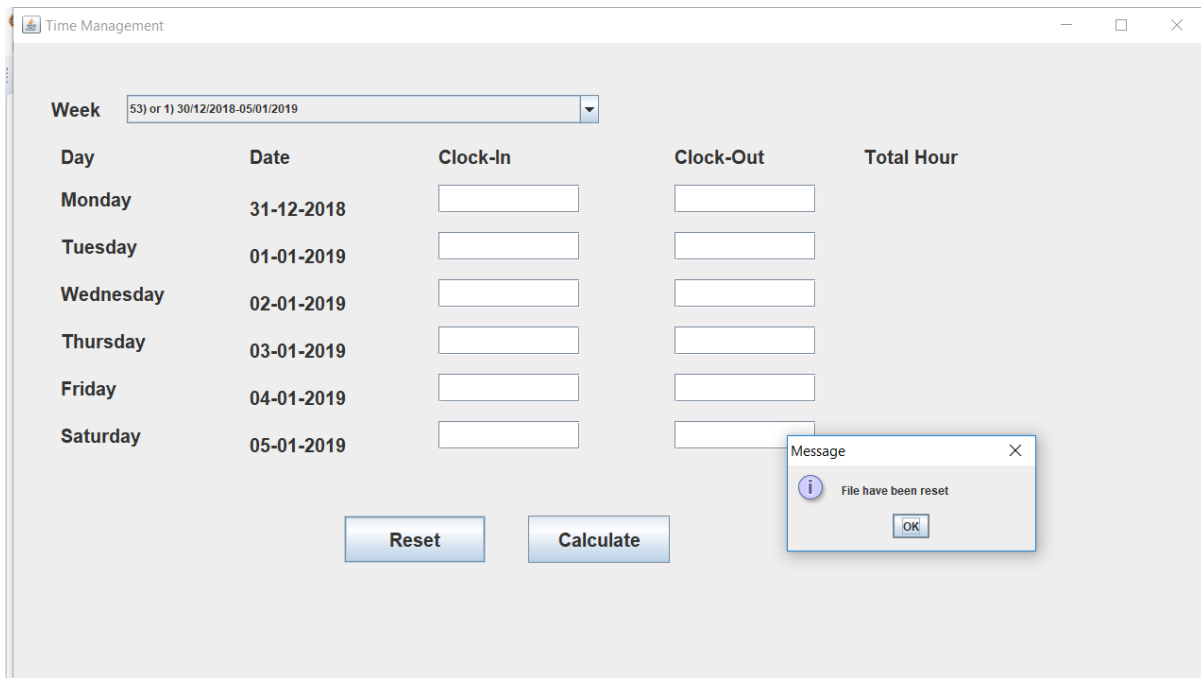
Reset

Calculate

Message

Save Successful

OK



SET FRAME

```
import javax.swing.*;
```

```
public class SetFrame {
    static JFrame f=new JFrame("Time Management");

    //button
    static JButton b = new JButton("Calculate");
    static JButton l = new JButton("Reset");

    //JtextField
    static JTextField min = new JTextField();
    static JTextField mout = new JTextField();
    static JTextField tuein = new JTextField();
    static JTextField tueout = new JTextField();
    static JTextField win = new JTextField();
    static JTextField wout = new JTextField();
    static JTextField thuin = new JTextField();
    static JTextField thuout = new JTextField();
    static JTextField fin = new JTextField();
    static JTextField fout = new JTextField();
    static JTextField satin = new JTextField();
    static JTextField satout = new JTextField();

    //JLabel
    static JLabel week = new JLabel("Week");
    static JLabel day = new JLabel("Day");
    static JLabel date = new JLabel("Date");
    static JLabel clockin = new JLabel("Clock-In");
    static JLabel clockout = new JLabel("Clock-Out");
    static JLabel totalhour = new JLabel("Total Hour");
    static JLabel Monday = new JLabel("Monday");
    static JLabel Tuesday = new JLabel("Tuesday");
    static JLabel Wednesday = new JLabel("Wednesday");
```

```

static JLabel Thursday = new JLabel("Thursday");
static JLabel Friday = new JLabel("Friday");
static JLabel Saturday = new JLabel("Saturday");
static JLabel Mondate = new JLabel();
static JLabel Tuedate = new JLabel();
static JLabel Weddate = new JLabel();
static JLabel Thurdate = new JLabel();
static JLabel Fridate = new JLabel();
static JLabel Satdate = new JLabel();

//total hour
static JLabel totalM = new JLabel();
static JLabel totalTue = new JLabel();
static JLabel totalWed = new JLabel();
static JLabel totalThur = new JLabel();
static JLabel totalFri = new JLabel();
static JLabel totalSat = new JLabel();
static JLabel finaltotalhour = new JLabel();

//JComboBox
static JComboBox cb;

//Arrays

    public static void frame() {

        WeekRange_Complete w = new WeekRange_Complete();

        //Message Data
        String sValue = w.LongString;
        String asItem[] = sValue.split("\\>");
        int ilength = asItem.length;
        int i = 0;
        String s = "";
        StringBuffer sb = new StringBuffer();
        for (i=1; i<ilength; i++) {
            s = asItem[i];
            String asValue[] = s.split("<option");

            if (i<ilength)
                sb.append(asValue[0] + ",");
            else
                sb.append(asValue[0]);
        }

        String asRange[] = sb.toString().split(",");
        cb = new JComboBox(asRange);
        cb.setBounds(120,55,500,30);

        //Display JLabel
        JLabel
week,day,date,clockin,clockout,totalhour,Monday,Tuesday,Wednesday,Thursday,Friday,
Saturday;
        week = new JLabel("Week");
        day = new JLabel("Day");
        date = new JLabel("Date");
        clockin = new JLabel("Clock-In");
        clockout = new JLabel("Clock-Out");
        totalhour = new JLabel("Total Hour");

```

```

Monday = new JLabel("Monday");
Tuesday = new JLabel("Tuesday");
Wednesday = new JLabel("Wednesday");
Thursday = new JLabel("Thursday");
Friday = new JLabel("Friday");
Saturday = new JLabel("Saturday");

week.setBounds(40,30,80,80);
day.setBounds(50,80,80,80);
date.setBounds(250,80,80,80);
clockin.setBounds(450,80,120,80);
clockout.setBounds(700,80,120,80);
totalhour.setBounds(900,80,120,80);

Monday.setBounds(50,150,150,30);
Tuesday.setBounds(50,200,150,30);
Wednesday.setBounds(50,250,150,30);
Thursday.setBounds(50,300,150,30);
Friday.setBounds(50,350,150,30);
Saturday.setBounds(50,400,150,30);

week.setFont(week.getFont().deriveFont(20.0f));
day.setFont(day.getFont().deriveFont(20.0f));
date.setFont(date.getFont().deriveFont(20.0f));
clockin.setFont(clockin.getFont().deriveFont(20.0f));
clockout.setFont(clockout.getFont().deriveFont(20.0f));
totalhour.setFont(totalhour.getFont().deriveFont(20.0f));

Monday.setFont(Monday.getFont().deriveFont(20.0f));
Tuesday.setFont(Tuesday.getFont().deriveFont(20.0f));
Wednesday.setFont(Wednesday.getFont().deriveFont(20.0f));
Thursday.setFont(Thursday.getFont().deriveFont(20.0f));
Friday.setFont(Friday.getFont().deriveFont(20.0f));
Saturday.setFont(Saturday.getFont().deriveFont(20.0f));

f.add(week);
f.add(day);
f.add(date);
f.add(clockin);
f.add(clockout);
f.add(totalhour);
f.add(cb);

f.add(Monday);
f.add(Tuesday);
f.add(Wednesday);
f.add(Thursday);
f.add(Friday);
f.add(Saturday);

//JTextField

min.setBounds(450,150,150,30);
mout.setBounds(700,150,150,30);

tuein.setBounds(450,200,150,30);
tueout.setBounds(700,200,150,30);

win.setBounds(450,250,150,30);

```

```

wout.setBounds(700,250,150,30);

thuin.setBounds(450,300,150,30);
thuout.setBounds(700,300,150,30);

fin.setBounds(450,350,150,30);
fout.setBounds(700,350,150,30);

satin.setBounds(450,400,150,30);
satout.setBounds(700,400,150,30);

f.add(min);
f.add(mout);
f.add(tuein);
f.add(tueout);
f.add(win);
f.add(wout);
f.add(thuin);
f.add(thuout);
f.add(fin);
f.add(fout);
f.add(satin);
f.add(satout);

//button
b.setBounds(545,500,150,50);
b.setFont(b.getFont().deriveFont(20.0f));
f.add(b);

l.setBounds(350,500,150,50);
l.setFont(l.getFont().deriveFont(20.0f));
f.add(l);

//total hour
totalM.setBounds(900,150,200,30);
totalM.setFont(totalM.getFont().deriveFont(20.0f));

totalTue.setBounds(900,200,250,30);
totalTue.setFont(totalTue.getFont().deriveFont(20.0f));

totalWed.setBounds(900,250,200,30);
totalWed.setFont(totalWed.getFont().deriveFont(20.0f));

totalThur.setBounds(900,300,200,30);
totalThur.setFont(totalThur.getFont().deriveFont(20.0f));

totalFri.setBounds(900,350,200,30);
totalFri.setFont(totalFri.getFont().deriveFont(20.0f));

totalSat.setBounds(900,400,200,30);
totalSat.setFont(totalSat.getFont().deriveFont(20.0f));

finaltotalhour.setBounds(900,450,200,30);
finaltotalhour.setFont(finaltotalhour.getFont().deriveFont(20.0f));

f.add(totalM);
f.add(totalTue);
f.add(totalWed);
f.add(totalThur);

```

```

        f.add(totalFri);
        f.add(totalSat);
        f.add(finaltotalhour);

        //date
        Mondate.setBounds(250,150,150,50);
        Mondate.setFont(Mondate.getFont().deriveFont(20.0f));

        Tuedate.setBounds(250,200,150,50);
        Tuedate.setFont(Tuedate.getFont().deriveFont(20.0f));

        Weddate.setBounds(250,250,150,50);
        Weddate.setFont(Weddate.getFont().deriveFont(20.0f));

        Thurdate.setBounds(250,300,150,50);
        Thurdate.setFont(Thurdate.getFont().deriveFont(20.0f));

        Fridate.setBounds(250,350,150,50);
        Fridate.setFont(Fridate.getFont().deriveFont(20.0f));

        Satdate.setBounds(250,400,150,50);
        Satdate.setFont(Satdate.getFont().deriveFont(20.0f));

        f.add(Mondate);
        f.add(Tuedate);
        f.add(Weddate);
        f.add(Thurdate);
        f.add(Fridate);
        f.add(Satdate);

        f.setLayout(null);
        f.setSize(1280,720);
        f.setVisible(true);

    } // end of setFrame

} //end of class

class WeekRange_Complete{
    //Raw Data
    String LongString = "<option value=\"30/12/2018-05/01/2019\">53) or 1)
30/12/2018-05/01/2019" +
        "<option value=\"06/01/2019-12/01/2019\">2) 06/01/2019-
12/01/2019" +
        "<option value=\"13/01/2019-19/01/2019\">3) 13/01/2019-
19/01/2019" +
        "<option value=\"20/01/2019-26/01/2019\">4) 20/01/2019-
26/01/2019" +
        "<option value=\"27/01/2019-02/02/2019\">5) 27/01/2019-
02/02/2019" +
        "<option value=\"03/02/2019-09/02/2019\">6) 03/02/2019-
09/02/2019" +
        "<option value=\"10/02/2019-16/02/2019\">7) 10/02/2019-
16/02/2019" +
        "<option value=\"17/02/2019-23/02/2019\">8) 17/02/2019-
23/02/2019" +
        "<option value=\"24/02/2019-02/03/2019\">9) 24/02/2019-
02/03/2019" +

```

09/03/2019" + "<option value=\"03/03/2019-09/03/2019\">10) 03/03/2019-
16/03/2019" + "<option value=\"10/03/2019-16/03/2019\">11) 10/03/2019-
23/03/2019" + "<option value=\"17/03/2019-23/03/2019\">12) 17/03/2019-
30/03/2019" + "<option value=\"24/03/2019-30/03/2019\">13) 24/03/2019-
06/04/2019" + "<option value=\"31/03/2019-06/04/2019\">14) 31/03/2019-
13/04/2019" + "<option value=\"07/04/2019-13/04/2019\">15) 07/04/2019-
20/04/2019" + "<option value=\"14/04/2019-20/04/2019\">16) 14/04/2019-
27/04/2019" + "<option value=\"21/04/2019-27/04/2019\">17) 21/04/2019-
04/05/2019" + "<option value=\"28/04/2019-04/05/2019\">18) 28/04/2019-
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18/05/2019" + "<option value=\"12/05/2019-18/05/2019\">20) 12/05/2019-
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08/06/2019" + "<option value=\"02/06/2019-08/06/2019\">23) 02/06/2019-
15/06/2019" + "<option value=\"09/06/2019-15/06/2019\">24) 09/06/2019-
22/06/2019" + "<option value=\"16/06/2019-22/06/2019\">25) 16/06/2019-
29/06/2019" + "<option value=\"23/06/2019-29/06/2019\">26) 23/06/2019-
06/07/2019" + "<option value=\"30/06/2019-06/07/2019\">27) 30/06/2019-
13/07/2019" + "<option value=\"07/07/2019-13/07/2019\">28) 07/07/2019-
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27/07/2019" + "<option value=\"21/07/2019-27/07/2019\">30) 21/07/2019-
03/08/2019" + "<option value=\"28/07/2019-03/08/2019\">31) 28/07/2019-
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17/08/2019" + "<option value=\"11/08/2019-17/08/2019\">33) 11/08/2019-
24/08/2019" + "<option value=\"18/08/2019-24/08/2019\">34) 18/08/2019-
31/08/2019" + "<option value=\"25/08/2019-31/08/2019\">35) 25/08/2019-
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21/09/2019" + "<option value=\"15/09/2019-21/09/2019\">38) 15/09/2019-

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 04/04/2020" + "
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 " <option value=\"29/09/2019-05/10/2019\">40) 29/09/2019-
 " <option value=\"06/10/2019-12/10/2019\">41) 06/10/2019-
 " <option value=\"13/10/2019-19/10/2019\">42) 13/10/2019-
 " <option value=\"20/10/2019-26/10/2019\">43) 20/10/2019-
 " <option value=\"27/10/2019-02/11/2019\">44) 27/10/2019-
 " <option value=\"03/11/2019-09/11/2019\">45) 03/11/2019-
 " <option value=\"10/11/2019-16/11/2019\">46) 10/11/2019-
 " <option value=\"17/11/2019-23/11/2019\">47) 17/11/2019-
 " <option value=\"24/11/2019-30/11/2019\">48) 24/11/2019-
 " <option value=\"01/12/2019-07/12/2019\">49) 01/12/2019-
 " <option value=\"08/12/2019-14/12/2019\">50) 08/12/2019-
 " <option value=\"15/12/2019-21/12/2019\">51) 15/12/2019-
 " <option value=\"22/12/2019-28/12/2019\">52) 22/12/2019-
 " <option value=\"29/12/2019-04/01/2020\">53) or 1) 29/12/2019-
 " <option value=\"05/01/2020-11/01/2020\">2) 05/01/2020-
 " <option value=\"12/01/2020-18/01/2020\">3) 12/01/2020-
 " <option value=\"19/01/2020-25/01/2020\">4) 19/01/2020-
 " <option value=\"26/01/2020-01/02/2020\">5) 26/01/2020-
 " <option value=\"02/02/2020-08/02/2020\">6) 02/02/2020-
 " <option value=\"09/02/2020-15/02/2020\">7) 09/02/2020-
 " <option value=\"16/02/2020-22/02/2020\">8) 16/02/2020-
 " <option value=\"23/02/2020-29/02/2020\">9) 23/02/2020-
 " <option value=\"01/03/2020-07/03/2020\">10) 01/03/2020-
 " <option value=\"08/03/2020-14/03/2020\">11) 08/03/2020-
 " <option value=\"15/03/2020-21/03/2020\">12) 15/03/2020-
 " <option value=\"22/03/2020-28/03/2020\">13) 22/03/2020-
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02/07/2022" + "<option value=\"26/06/2022-02/07/2022\">27) 26/06/2022-

09/07/2022" + "16/07/2022" + "23/07/2022" + "30/07/2022" + "06/08/2022" + "13/08/2022" + "20/08/2022" + "27/08/2022" + "03/09/2022" + "10/09/2022" + "17/09/2022" + "24/09/2022" + "01/10/2022" + "08/10/2022" + "15/10/2022" + "22/10/2022" + "29/10/2022" + "05/11/2022" + "12/11/2022" + "19/11/2022" + "26/11/2022" + "03/12/2022" + "10/12/2022" + "17/12/2022" + "24/12/2022" + "31/12/2022" + "07/01/2023" + "14/01/2023" + "21/01/2023" + "

28/01/2023" + "04/02/2023" + "11/02/2023" + "18/02/2023" + "25/02/2023" + "04/03/2023" + "11/03/2023" + "18/03/2023" + "25/03/2023" + "01/04/2023" + "08/04/2023" + "15/04/2023" + "22/04/2023" + "29/04/2023" + "06/05/2023" + "13/05/2023" + "20/05/2023" + "27/05/2023" + "03/06/2023" + "10/06/2023" + "17/06/2023" + "24/06/2023" + "01/07/2023" + "08/07/2023" + "15/07/2023" + "22/07/2023" + "29/07/2023" + "05/08/2023" + "12/08/2023" + "

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}

```

Time Final

```
import javax.swing.*.*;
import java.awt.event.*;
import java.io.*;
import java.text.*;
import java.util.Calendar;

public class TimeFinal extends SetFrame{

    static int totalm;
    static int totalh;
    static int total;
    static int ihour;
    static int ohour;
    static int imin;
    static int omin;
    static SetFrame frame = new TimeFinal();
    static calculate cal = new calculate();
    static read readfile = new read();
    static TimeFinal click = new TimeFinal();
    static int finaltotal;

    public static void main(String[] args) {

        frame.frame();
        readfile.readfile();

        String date = cb.getSelectedItem().toString();

        String thedate = date.substring(date.lastIndexOf("/") + 1);
        String Mdate = thedate.substring(1,11);
        String Tdate = Mdate.replace("/", "-");

        String Date1 = Tdate;
        SimpleDateFormat sdf = new SimpleDateFormat("dd-MM-yyyy");
        Calendar c = Calendar.getInstance();
        try{
            //Setting the date to the given date
            c.setTime(sdf.parse(Date1));
        }catch(ParseException e){
            e.printStackTrace();
        }

        //Date after adding the days to the given date
        c.add(Calendar.DATE, 1);
        Date1 = sdf.format(c.getTime());
```

```

Mondate.setText(Date1);

c.add(Calendar.DATE, 1);
Date1 = sdf.format(c.getTime());
TueDate.setText(Date1);

c.add(Calendar.DATE,1);
Date1 = sdf.format(c.getTime());
WedDate.setText(Date1);

c.add(Calendar.DATE,1);
Date1 = sdf.format(c.getTime());
ThurDate.setText(Date1);

c.add(Calendar.DATE,1);
Date1 = sdf.format(c.getTime());
FriDate.setText(Date1);

c.add(Calendar.DATE,1);
Date1 = sdf.format(c.getTime());
SatDate.setText(Date1);

b.addActionListener(new ActionListener(){
    public void actionPerformed(ActionEvent a) {
        String Mondayin = (min.getText());
        String Mondayout = (mout.getText());
        String Tuesdayin = (tuein.getText());
        String Tuesdayout = (tueout.getText());
        String Wednesdayin = (win.getText());
        String Wednesdayout = (wout.getText());
        String Thursdayin = (thuin.getText());
        String Thursdayout = (thuout.getText());
        String Fridayin = (fin.getText());
        String Fridayout = (fout.getText());
        String Saturdayin = (satin.getText());
        String Saturdayout = (satout.getText());

        if(!Mondayin.isEmpty() & !Mondayout.isEmpty()) {

            ihour= Integer.parseInt(Mondayin.substring(0,2));
            ohour = Integer.parseInt(Mondayout.substring(0,2));
            imin = Integer.parseInt(Mondayin.substring(3,5));
            omin = Integer.parseInt(Mondayout.substring(3,5));

            cal.test();

            totalM.setText(totalh + " Hours " + totalm + "Minutes");
            finaltotal += (totalh*60) + totalm;

```

```

}

if(!Tuesdayin.isEmpty() & !Tuesdayout.isEmpty()) {
    ihour = Integer.parseInt(Tuesdayin.substring(0,2));
    ohour = Integer.parseInt(Tuesdayout.substring(0,2));
    imin = Integer.parseInt(Tuesdayin.substring(3,5));
    omin = Integer.parseInt(Tuesdayout.substring(3,5));

    cal.test();

    totalTue.setText(totalh + " Hours " + totalm + "Minutes");
    finaltotal += (totalh*60) + totalm;
}

if(!Wednesdayin.isEmpty() & !Wednesdayout.isEmpty()) {
    ihour = Integer.parseInt(Wednesdayin.substring(0,2));
    ohour = Integer.parseInt(Wednesdayout.substring(0,2));
    imin = Integer.parseInt(Wednesdayin.substring(3,5));
    omin = Integer.parseInt(Wednesdayout.substring(3,5));

    cal.test();

    totalWed.setText(totalh + " Hours " + totalm + "Minutes");
    finaltotal += (totalh*60) + totalm;
}

if(!Thursdayin.isEmpty() & !Thursdayout.isEmpty()) {
    ihour = Integer.parseInt(Thursdayin.substring(0,2));
    ohour = Integer.parseInt(Thursdayout.substring(0,2));
    imin = Integer.parseInt(Thursdayin.substring(3,5));
    omin = Integer.parseInt(Thursdayout.substring(3,5));

    cal.test();

    totalThur.setText(totalh + " Hours " + totalm + "Minutes");
    finaltotal += (totalh*60) + totalm;
}

if(!Fridayin.isEmpty() & !Fridayout.isEmpty()) {
    ihour = Integer.parseInt(Fridayin.substring(0,2));
    ohour = Integer.parseInt(Fridayout.substring(0,2));
    imin = Integer.parseInt(Fridayin.substring(3,5));
    omin = Integer.parseInt(Fridayout.substring(3,5));

    cal.test();

    totalFri.setText(totalh + " Hours " + totalm + "Minutes");
    finaltotal += (totalh*60) + totalm;
}

```

```

    }

    if(!Saturdayin.isEmpty() & !Saturdayout.isEmpty()) {
        ihour = Integer.parseInt(Saturdayin.substring(0,2));
        ohour = Integer.parseInt(Saturdayout.substring(0,2));
        imin = Integer.parseInt(Saturdayin.substring(3,5));
        omin = Integer.parseInt(Saturdayout.substring(3,5));

        cal.test();
        totalSat.setText(totalh + " Hours " + totalm + "Minutes");
        finaltotal += (totalh*60) + totalm;
    }

    if(finaltotal!=0) {
        int thehour = (finaltotal)/60;
        int themin = (finaltotal)%60;
        finaltotalhour.setText(Integer.toString(thehour) + "Hours " + Integer.toString(themin)
+ "Min");
    }else
        finaltotalhour.setText("");

    try {
        String test = cb.getSelectedItem().toString();
        test = test.replace("-", "~");
        test = test.replace("/", "-");

        FileWriter writer = new FileWriter("E:\\Report\\" + test + ".txt");
        BufferedWriter buffer = new BufferedWriter(writer);

        if(!Mondayin.isEmpty() & !Mondayout.isEmpty()) {
            buffer.write(Mondayin + "Mon" + Mondayout + "Mon" +
totalM.getText().toString() + "Mon");
        }

        if(!Tuesdayin.isEmpty() & !Tuesdayout.isEmpty()) {
            buffer.write("Tue" + Tuesdayin + "Tue" + Tuesdayout + "Tue" +
totalTue.getText().toString() + "Tue");
        }

        if(!Wednesdayin.isEmpty() & !Wednesdayout.isEmpty()) {
            buffer.write("Wed" + Wednesdayin + "Wed" + Wednesdayout + "Wed" +
totalWed.getText().toString() + "Wed");
        }

        if(!Thursdayin.isEmpty() & !Thursdayout.isEmpty()) {
            buffer.write("Thur" + Thursdayin + "Thur" + Thursdayout + "Thur" +
totalThur.getText().toString() + "Thur");
        }
    }

```

```

        if(!Fridayin.isEmpty() & !Fridayout.isEmpty()){
            buffer.write("Fri" + Fridayin + "Fri" + Fridayout + "Fri" +
totalFri.getText().toString() + "Fri");
        }

        if(!Saturdayin.isEmpty() & !Saturdayout.isEmpty()) {
            buffer.write("Sat" + Saturdayin + "Sat" + Saturdayout + "Sat" +
totalSat.getText().toString() + "Sat");
        }

        if(finaltotal!=0) {
            buffer.write("!!" + finaltotal);
        }
        buffer.close();
        JOptionPane.showMessageDialog(null,"Save Successful");

    } catch (IOException t) {
        t.printStackTrace();
    }
    finaltotal=0;
}

});

```

```

l.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent f) {

        min.setText("");
        mout.setText("");
        tuein.setText("");
        tueout.setText("");
        win.setText("");
        wout.setText("");
        thuin.setText("");
        thuout.setText("");
        fin.setText("");
        fout.setText("");
        satin.setText("");
        satout.setText("");

        totalM.setText("");
        totalTue.setText("");
        totalWed.setText("");
        totalThur.setText("");
        totalFri.setText("");
    }
});

```

```

        totalSat.setText("");
        finaltotal=0;
        finaltotalhour.setText("");

        String test = cb.getSelectedItem().toString();
        test = test.replace("-", "~");
        test = test.replace("/", "-");

        File file = new File("E:\\Report\\" + test + ".txt");
        file.delete();

        JOptionPane.showMessageDialog(null,"File have been reset");
    }

});

cb.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent m) {

        min.setText("");
        mout.setText("");
        tuein.setText("");
        tueout.setText("");
        win.setText("");
        wout.setText("");
        thuin.setText("");
        thuout.setText("");
        fin.setText("");
        fout.setText("");
        satin.setText("");
        satout.setText("");

        totalM.setText("");
        totalTue.setText("");
        totalWed.setText("");
        totalThur.setText("");
        totalFri.setText("");
        totalSat.setText("");

        readfile.readfile();

        String date = cb.getSelectedItem().toString();

        String thedate = date.substring(date.lastIndexOf("") + 1);
        String Mdate = thedate.substring(1,11);
        String Tdate = Mdate.replace("/", "-");

        String Date1 = Tdate;

```

```

SimpleDateFormat sdf = new SimpleDateFormat("dd-MM-yyyy");
Calendar c = Calendar.getInstance();
try{
    //Setting the date to the given date
    c.setTime(sdf.parse(Date1));
}catch(ParseException e){
    e.printStackTrace();
}

//Date after adding the days to the given date
c.add(Calendar.DATE, 1);
Date1 = sdf.format(c.getTime());
Mondate.setText(Date1);

c.add(Calendar.DATE, 1);
Date1 = sdf.format(c.getTime());
TueDate.setText(Date1);

c.add(Calendar.DATE,1);
Date1 = sdf.format(c.getTime());
WedDate.setText(Date1);

c.add(Calendar.DATE,1);
Date1 = sdf.format(c.getTime());
ThurDate.setText(Date1);

c.add(Calendar.DATE,1);
Date1 = sdf.format(c.getTime());
FriDate.setText(Date1);

c.add(Calendar.DATE,1);
Date1 = sdf.format(c.getTime());
SatDate.setText(Date1);
}
});
}
}

```

```

class calculate extends TimeFinal{
void test(){
    totalh = ohour - ihour;
    totalm = omin - imin;
}
}

```



```

        if(totalm<0){
            totalh--;
            totalm= totalm + 60;
        }

        if(totalh < 0) {
            totalh =24 + totalh;
        }
    }
}

class read extends TimeFinal{

    void readfile() {
        try {
            String test = cb.getSelectedItem().toString();
            test = test.replace("-", "~");
            test = test.replace("/", "-");

            File file = new File("E:\\Report\\" + test + ".txt");
            if(!file.exists()) {
                return;
            }else {
                FileReader fileReader = new FileReader(file);
                BufferedReader bufferedReader = new BufferedReader(fileReader);
                StringBuffer stringBuffer = new StringBuffer();
                String line;
                while ((line = bufferedReader.readLine()) != null) {
                    stringBuffer.append(line);
                }
                fileReader.close();
                String time = stringBuffer.toString();

                String Mon[] = time.split("Mon");
                String Tue[] = time.split("Tue");
                String Wed[] = time.split("Wed");
                String Thur[] = time.split("Thur");
                String Fri[] = time.split("Fri");
                String Sat[] = time.split("Sat");
                String Finaltotaldisplay = time.substring(time.lastIndexOf("!")+1);

                //Monday
                if(Mon.length !=1) {
                    min.setText(Mon[0]);
                    mout.setText(Mon[1]);
                    totalM.setText(Mon[2]);
                }
            }
        }
    }
}

```

```

//Tuesday
if(Tue.length != 1) {
    tuein.setText(Tue[1]);
    tueout.setText(Tue[2]);
    totalTue.setText(Tue[3]);
}

//Wednesday
if(Wed.length != 1) {
    win.setText(Wed[1]);
    wout.setText(Wed[2]);
    totalWed.setText(Wed[3]);
}

//Thursday
if(Thur.length != 1) {
    thuin.setText(Thur[1]);
    thuout.setText(Thur[2]);
    totalThur.setText(Thur[3]);
}

//Friday
if(Fri.length !=1) {
    fin.setText(Fri[1]);
    fout.setText(Fri[2]);
    totalFri.setText(Fri[3]);
}

//Saturday
if(Sat.length !=1) {
    satin.setText(Sat[1]);
    satout.setText(Sat[2]);
    totalSat.setText(Sat[3]);
}
if(!Finaltotaldisplay.isEmpty()) {
    int thehour = Integer.parseInt(Finaltotaldisplay)/60;
    int themin = Integer.parseInt(Finaltotaldisplay)%60;
    finaltotalhour.setText(Integer.toString(thehour) + "Hours " + Integer.toString(themin) +
"Min");
}
else {finaltotalhour.setText(Finaltotaldisplay);}
}
} catch (IOException m) {
    m.printStackTrace();
}
}
}

```

