

2017-18

IP PROJECT WORK

```
94      <img alt="Image placeholder" data-bbox="380 323 650 350" class="image/gif;base64,R0lGODlhAQABAIAAAAAAAP///yH5BAEAAAAALAAAAAABAAEAAAIBRAA7" data-bbox="380 350 650 380"/>
95      <div class="container">
96      <div class="carousel-caption">
97      <h1>One more for good measure.</h1>
98      <p>Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non ligula porta euismod. Integer tincidunt rutrum nunc.
99      </p>
100     <p><a class="btn btn-lg btn-primary" href="#" role="button">Browse gallery</a>
101     </p>
102     </div>
103     </div>
104     </div>
105     <a class="left carousel-control" href="#myCarousel" role="button" data-slide="prev">
106     <span class="glyphicon glyphicon-chevron-left" aria-hidden="true"></span>
107     <span class="sr-only">Previous</span>
108     </a>
109     <a class="right carousel-control" href="#myCarousel" role="button" data-slide="next">
110     <span class="glyphicon glyphicon-chevron-right" aria-hidden="true"></span>
111     <span class="sr-only">Next</span>
112     </a>
113     </div><!-- /.carousel -->
114     <!--Featured Content Section-->
115     <div class="container">
116     <div class="row">
117     <div class="col-md-4"></div>
118     <div class="col-md-4"><h2>FEATURED CONTENT</h2></div>
119     <div class="col-md-4"></div>
120     </div>
121     </div>
```

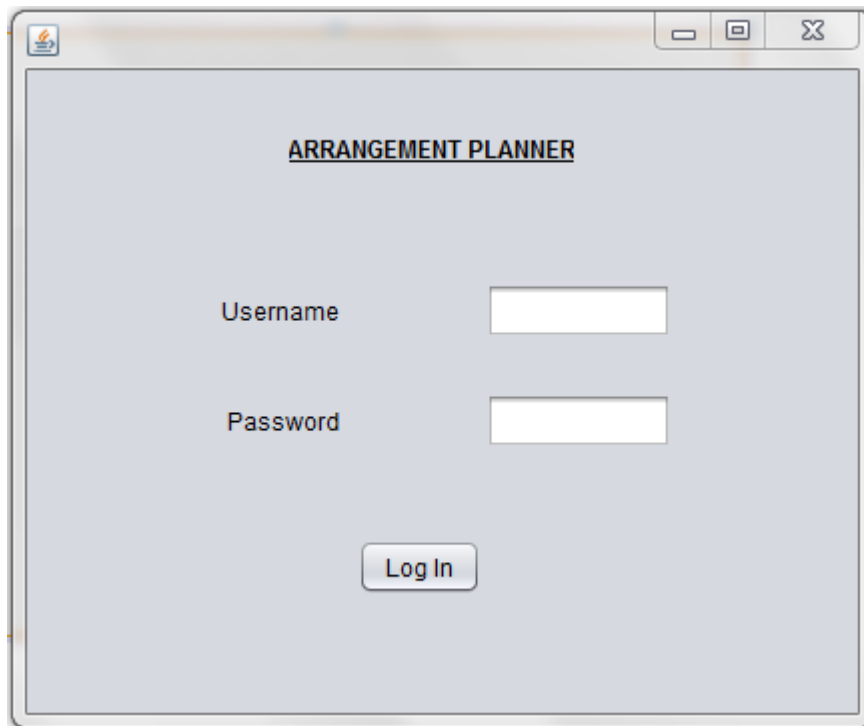
SHASHIKANT SUMAN

ARRANGEMENT PLANNER

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User Interface



A screenshot of a software window titled "ARRANGEMENT PLANNER". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area is light gray and contains a login form. The form has two labels, "Username" and "Password", each followed by a white rectangular input field. Below these fields is a single "Log In" button.

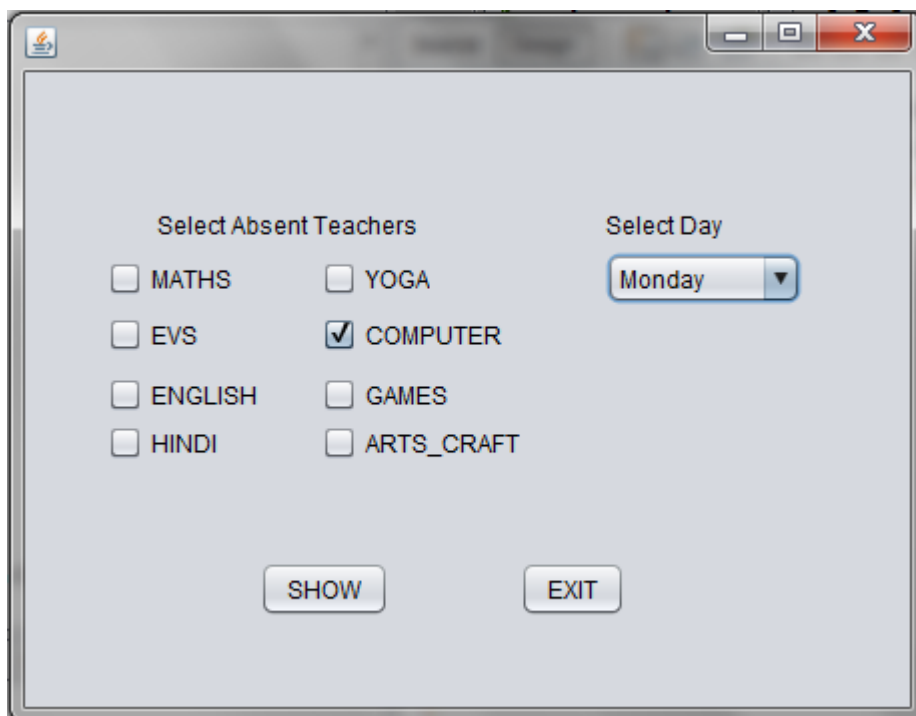
ARRANGEMENT PLANNER

Username

Password

Log In

Login Page



A screenshot of a software window titled "Input page". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area is light gray and contains a form for selecting absent teachers and a day. The form is divided into two sections: "Select Absent Teachers" and "Select Day". The "Select Absent Teachers" section has two columns of checkboxes. The first column contains "MATHS", "EVS", "ENGLISH", and "HINDI". The second column contains "YOGA", "COMPUTER", "GAMES", and "ARTS_CRAFT". The "COMPUTER" checkbox is checked. The "Select Day" section has a dropdown menu with "Monday" selected. Below these sections are two buttons: "SHOW" and "EXIT".

Select Absent Teachers

Select Day

☐ MATHS ☐ YOGA

☐ EVS ☒ COMPUTER

☐ ENGLISH ☐ GAMES

☐ HINDI ☐ ARTS_CRAFT

Monday

SHOW EXIT

Input page

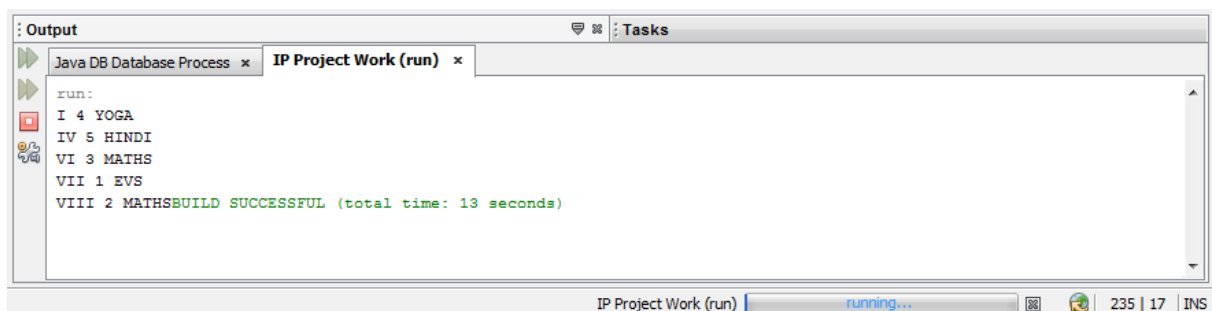
Database

period	class	subject
I	1	MATHS
II	3	MATHS
III	4	MATHS
IV	2	MATHS
V	NULL	MATHS
VI	NULL	MATHS
VII	5	MATHS
VIII	NULL	MATHS
I	5	EUS
II	2	EUS
III	NULL	EUS
IV	4	EUS
V	NULL	EUS
VI	1	EUS
VII	NULL	EUS
VIII	3	EUS
I	2	ENGLISH
II	NULL	ENGLISH
III	3	ENGLISH
IV	1	ENGLISH
V	4	ENGLISH
VI	5	ENGLISH
VII	NULL	ENGLISH
VIII	NULL	ENGLISH
I	3	HINDI
II	1	HINDI
III	2	HINDI
IV	NULL	HINDI
V	5	HINDI
VI	NULL	HINDI
VII	4	HINDI
VIII	NULL	HINDI
I	NULL	YOGA
II	4	YOGA
III	1	YOGA
IV	NULL	YOGA
V	3	YOGA
VI	NULL	YOGA
VII	2	YOGA
VIII	5	YOGA
I	4	COMPUTER
II	NULL	COMPUTER
III	NULL	COMPUTER
IV	5	COMPUTER
V	NULL	COMPUTER
VI	3	COMPUTER
VII	1	COMPUTER
VIII	2	COMPUTER
I	NULL	GAMES
II	5	GAMES
III	NULL	GAMES
IV	3	GAMES
V	2	GAMES
VI	4	GAMES
VII	NULL	GAMES
VIII	1	GAMES
I	NULL	ATRS_CRAFT
II	NULL	ATRS_CRAFT
III	5	ATRS_CRAFT
IV	NULL	ATRS_CRAFT
V	1	ATRS_CRAFT
VI	2	ATRS_CRAFT
VII	3	ATRS_CRAFT
VIII	4	ATRS_CRAFT

64 rows in set (0.33 sec)

mysql>

The output will be in this format.



The screenshot shows an IDE's Output window with two tabs: 'Java DB Database Process' and 'IP Project Work (run)'. The 'IP Project Work (run)' tab is active, displaying the following output:

```
run:  
I 4 YOGA  
IV 5 HINDI  
VI 3 MATHS  
VII 1 EVS  
VIII 2 MATHSBUILD SUCCESSFUL (total time: 13 seconds)
```

At the bottom of the window, a status bar indicates 'IP Project Work (run)' is 'running...' with a progress bar. The status bar also shows '235 | 17 | INS'.

SOURCE CODE

- For login page

```
private void jButton1ActionPerformed
(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    String pw = new String (pf1.getPassword());
    if (pw.equals("kvamla1234")){
        this.dispose();
        new Input_Tab().setVisible(true);
    }
}
```

- For input page

```
import java.sql.*;

public class Input_Tab extends javax.swing.JFrame
{
    Connection c = null;

    Statement s = null;

    PreparedStatement ps = null;

    ResultSet rs = null;

    ResultSet x = null;

    ResultSet class1 = null;

    public Input_Tab() {
        initComponents();
    }

    private void jButton1ActionPerformed
(java.awt.event.ActionEvent evt) {

        String a;

        String p;

        String b;
```

```
if(cb1.isSelected()){
```

```
    a= "MATHS" ;
```

```
}
```

```
if(cb2.isSelected()){
```

```
    a= "EVS" ;
```

```
}
```

```
if(cb3.isSelected()){
```

```
    a= "ENGLISH" ;
```

```
}
```

```
if(cb4.isSelected()){
```

```
    a= "HINDI" ;
```

```
}
```

```
if(cb5.isSelected()){
```

```
    a= "YOGA" ;
```

```
}
```

```
if(cb6.isSelected()){
```

```
    a= "COMPUTER" ;
```

```
}
```



```
if(cb7.isSelected()){
    a= "GAMES" ;
}

if(cb8.isSelected()){
    a= "ARTS_CRAFT" ;
}

try{
    Class.forName("com.mysql.jdbc.Driver");

    c = DriverManager.getConnection
("jdbc:mysql://localhost/Timetable?"+"user=sqluser&
password=sqluserpw");

    s = c.createStatement();

    String query = "select period from
timetable.list where (subject="+a+" and class is not
null)";

    rs = s.executeQuery(query);
```

```
        ArrayList<String>        list        =        new  
ArrayList<String>();
```

```
        while(rs.next()){  
            list.add(rs.getString(1));  
        }
```

```
String[] periods = list.toArray;
```

```
        class1 = s.executeQuery("select class from  
timetable.list where (subject="+a+" and class is not  
null)");
```

```
        ArrayList<Integer>        list2        =        new  
ArrayList<Integer>();
```

```
        while(class1.next()){  
            list2.add(class1.getInt(1));  
        }
```

```
int[] room = list2.toArray;
```

```
for(int i=0;i<=periods.length;++i){
```

```
    b = periods[i];
```

```
        x = s.executeQuery("select subject from  
timetable.list where (period="+b+" and class is  
null);");
```

```
        while(x.next()){  
            p = x.getString("subject");  
        }
```

```
        System.out.println( periods[i]+"      "+room[i]+"  
"+p);  
  
    }
```

```
    }catch (Exception e){  
        e.printStackTrace();  
  
    }finally {        // we will close the resources we  
used  
        if(rs != null){
```

```
    rs.close();  
}  
if(class1 != null){  
    class1.close();  
}  
if(c != null){  
    c.close();  
}  
if(s!= null){  
    s.close();  
}  
if(x != null){  
    x.close();  
}  
}  
}
```

[illegible]