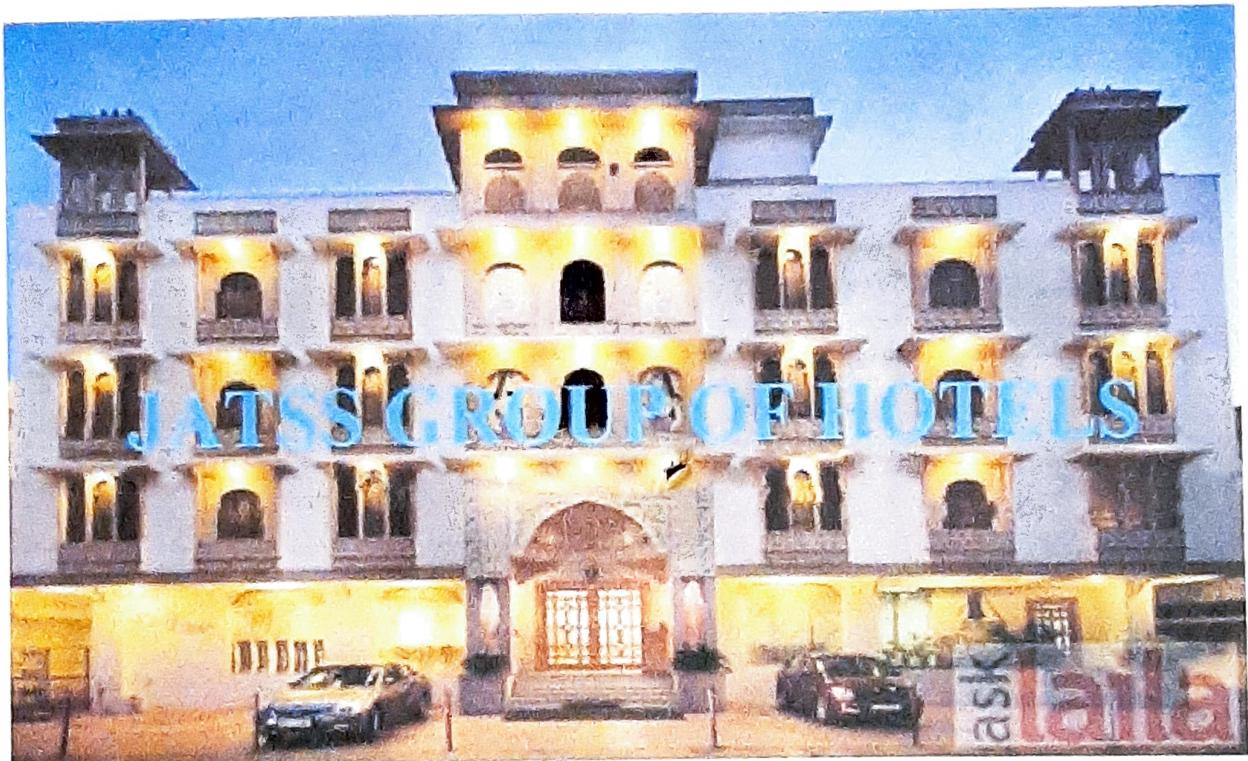




**ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE**  
BESANT NAGAR, CHENNAI - 600 090.

# **INFORMATICS PRACTICES PROJECT ON HOTEL MANAGEMENT**



**DONE BY:**

**S.TEEPSHIKA**



# INDEX

S.NO	TOPIC	PAGE NO.
1.	<i>Synopsis</i>	1
2.	<i>Screenshots</i> <i>(java front end run time)</i>	2-7
3.	<i>Coding</i> <i>(java front end)</i>	8-28
4.	<i>Screenshots</i> <i>(output screen)</i>	29-46
5.	<i>MySQL</i> <i>(backend)</i>	47



## **SYNOPSIS**

The topic selected for this project is hotel management .since a number of transaction are involved in hotel management ,one judicious way they can be managed is through java net beanside.it makes management easier. The interface gives access both to manager and customer through functionally differentiated options.

From the manager side they can view the customer details and do all sort of modifications like insert, search, delete and update. From the customer side he can book rooms and can make arrangements regarding food and travel. All of these can be accomplished by establishing database connectivity.

*Technologies used:*

- Net Beans IDE (front-end).
- MySQL (back-end).

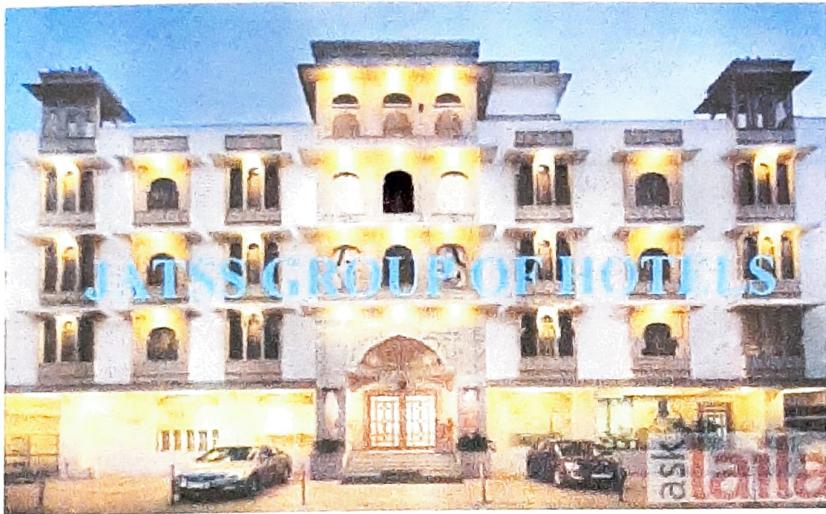


## JAVA DESIGN:

### FRAME 1:



Welcome To Jatss Hotel



[user login](#)

[sign in](#)

[admin](#)

### FRAME2:

JATSS HOTEL

### Sign In

Enter Name

Enter Age

Enter Gender

Enter Phone No

Enter E-Mail Id

[Submit](#) [Back](#)



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## FRAME 3:

JATSS HOTEL

### User Login

Enter User Id

Enter Password

## FRAME 4:

JATSS HOTEL

### Guest Information

Enter Your Name

Enter Phone\_No

Enter address

Enter age

Enter Email\_Id

Enter gender



## FRAME 5:

JATSS HOTEL

Room Type

A/c  
 Non A/c

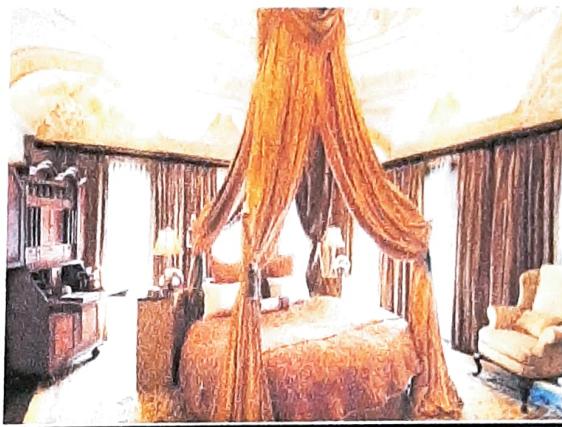
A/c  
 Non A/c

Enter Check\_In Date \_\_\_\_\_

Enter Check\_Out Date \_\_\_\_\_

No Of Days \_\_\_\_\_

Room Rent



## FRAME 6:

JATSS HOTEL

FOOD

No. Of Days

Select your Cuisine

Total Cost \_\_\_\_\_





**FRAME 7:**

JATSS HOTEL

*Travel*

*Do you want to be arranged with Travel?*

**FRAME 8:**

JATSS HOTEL

*Travel Arrangement*

*No.Of.Days*

*What Type Of Car?*

*Total Cost*



## FRAME 9:

JATSS HOTEL

### Total Payment

<input type="checkbox"/> Single a/c	<input type="checkbox"/> Chinese	<input type="checkbox"/> Vana	No. Of Days	<input type="text"/>
<input type="checkbox"/> Single Van a/c	<input type="checkbox"/> Indian	<input type="checkbox"/> Santro	Total Cost	<input type="text"/>
<input type="checkbox"/> Double a/c	<input type="checkbox"/> Italian	<input type="checkbox"/> Inova		
<input type="checkbox"/> Double Van a/c		<input type="checkbox"/> I20	Payment Type	<input type="button" value="cash"/>
<input type="checkbox"/> Suit a/c		<input type="checkbox"/> Scorpio		
<input type="checkbox"/> Suit Van a/c		<input type="checkbox"/> Swift	<input type="button" value="Next"/>	<input type="button" value="Back"/>
<input type="button" value="Back To Home"/>				

## FRAME 10:

JATSS HOTEL

### Make Payment

Card No.	<input type="text"/>
Card Name	<input type="text"/>
Cvv	<input type="text"/>
<input type="button" value="Pay"/>	<input type="button" value="Back"/>
<input type="button" value="Back To Home"/>	



## FRAME 11:

JATSS HOTEL

### *Admin Login*

User\_Id

*Login*

Enter Password



## FRAME 12:

JATSS HOTEL

### *Admin*

Enter Name

*Display*

*Insert*

*update*

*Delete*

enter age

enter gender

Enter phno

Enter address

*Variable Search*

*integer search*

Enter check\_in\_date

*data validation*

Enter check\_out\_date

name      age      gender      phone\_no      address      check\_in\_date      check\_out\_d



## **NET BEANS JAVA:**

### **1.Frame 1(home page):**

➤ User login:

```
userlogin a=new userlogin();
a.setVisible(true);
```

➤ Sign in:

```
signin f=new signin();
f.setVisible(true);
```

➤ Admin :

```
adminlogin e=new adminlogin();
e.setVisible(true);
```

### **2.Frame 2(sign in):**

➤ Submit:

```
String name=jTextField1.getText();
String sex=jTextField3.getText();
String emailid=jTextField5.getText();
String age=jTextField2.getText();
String phoneno=jTextField4.getText();
if(name.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your name");
}
if(emailid.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your e-mail id");
```



```
}

if(age.isEmpty())
{
JOptionPane.showMessageDialog(this,"please enter your age");
}

if(phoneno.isEmpty())
{
JOptionPane.showMessageDialog(this,"please enter your phone
no");
}

if(sex.isEmpty())
{
JOptionPane.showMessageDialog(this,"please enter your gender");
}

String Name=jTextField1.getText();
int n=Name.length();
for(int i=0;i<n-1;i++)
if((Name.charAt(i)>='0')&&(Name.charAt(i)<='9'))
{
JOptionPane.showMessageDialog(this,"re-enter name");
}

String Sex=jTextField3.getText();
int s=Sex.length();
for(int i=0;i<n-1;i++)
if((Sex.charAt(i)>='0')&&(Sex.charAt(i)<='9'))
JOptionPane.showMessageDialog(this,"re-enter gender");
else
{
JOptionPane.showMessageDialog(this,"your account is successfully
registered");
}
```



➤ Back:

```
homepage s=new homepage();
s.setVisible(true);
```

3.Frame3(user login):

➤ Login:

```
String log=jTextField1.getText();
String password=jPasswordField1.getText();
if(log.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your userid");
}
if(password.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your
password");
}
if((log.equals("ayisha")&&password.equals("ayisha123")))
{
    guestinformation z=new guestinformation();
    z.setVisible(true);
}
else
if((log.equals("jackline")&&password.equals("jackline01952700")))
{
    guestinformation z=new guestinformation();
    z.setVisible(true);
}
else
if((log.equals("samudra")&&password.equals("samudra123")))
```



```
{  
guestinformation z=new guestinformation();  
z.setVisible(true);  
}  
else  
  
if((log.equals("sushmitha")&&password.equals("sushmitha10980400  
")))  
{  
guestinformation z=new guestinformation();  
z.setVisible(true);  
}  
else  
if((log.equals("teepshika")&&password.equals("teepshika123")))  
{  
guestinformation z=new guestinformation();  
z.setVisible(true);  
}  
  
else  
{  
JOptionPane.showMessageDialog(this,"Username or password  
entered is incorrect");  
}
```

➤ Back:

```
homepage s=new homepage();  
s.setVisible(true);
```

4.Frame4(guest information):

➤ Next:

```
String name=jTextField1.getText();
```



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```
String phno=jTextField2.getText();
String address=jTextField3.getText();
String age=jTextField4.getText();
String email=jTextField5.getText();
String gender=jTextField6.getText();
if(name.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your name");
}
if(phno.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your phoneno");
}
if(address.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your city");
}
if(age.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your
occupation");
}
if(email.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your emailid");
}
if(gender.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter your gender");
}
String Name=jTextField1.getText();
```



```
int n=Name.length();
for(int i=0;i<n-1;i++)
if((Name.charAt(i)>='0')&&(Name.charAt(i)<='9'))
JOptionPane.showMessageDialog(this,"re-enter name");
String Gender=jTextField1.getText();
int s=Gender.length();
for(int i=0;i<s-1;i++)
if((Gender.charAt(i)>='0')&&(Gender.charAt(i)<='9'))
JOptionPane.showMessageDialog(this,"re-enter Gender");
else
{
roomtypeandrent c=new roomtypeandrent();
c.setVisible(true);
}
```

➤ Back:

```
homepage s=new homepage();
s.setVisible(true);
```

5.Frame5(room type and rent):

➤ Combo box:

```
if(jComboBox2.getSelectedIndex()==0)
{
jList1.setVisible(true);
jList2.setVisible(false);
jList3.setVisible(false);

}
else
if(jComboBox2.getSelectedIndex()==1)
```



```
{  
jList1.setVisible(false);  
jList2.setVisible(true);  
jList3.setVisible(false);  
  
}  
else  
if(jComboBox2.getSelectedIndex()==2)  
{  
jList1.setVisible(false);  
jList2.setVisible(false);  
jList3.setVisible(true);  
  
}
```

```
else  
{  
JOptionPane.showMessageDialog(this,"select a room type");  
}
```

➤ Room rent:

```
int i,f;  
f=Integer.parseInt(jTextField4.getText());  
i=Integer.parseInt(jTextField3.getText());  
if(jList1.isSelectedIndex(0)==true)  
{  
f=(i*2000);  
jTextField4.setText(" "+f);  
}  
else  
if(jList1.isSelectedIndex(1)==true)
```



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```
{  
f=(i*1000);  
jTextField4.setText(" "+f);  
}  
else  
if(jList2.isSelectedIndex(0)==true)  
{  
f=(i*3000);  
jTextField4.setText(" "+f);  
}  
else  
if(jList2.isSelectedIndex(1)==true)  
{  
f=(i*2000);  
jTextField4.setText(" "+f);  
}  
else  
if(jList3.isSelectedIndex(0)==true)  
{  
f=(i*4000);  
jTextField4.setText(" "+f);  
}  
else  
if(jList3.isSelectedIndex(1)==true)  
{  
f=(i*3000);  
jTextField4.setText(" "+f);  
}  
else  
{  
JOptionPane.showMessageDialog(this,"select a room type");  
}
```



}

➤ Next:

```
String checkinDate=jTextField1.getText();
String checkoutDate=jTextField2.getText();
String noofdays=jTextField3.getText();
if(checkinDate.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter
check_in_date");
}
if(checkoutDate.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter
check_out_date");
}
if(noofdays.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter no of days");
}
else
{S
    food d=new food();
    d.setVisible(true);
}
```

➤ Go back:

```
guestinformation z=new guestinformation();
z.setVisible(true);
```

6.frame 6(food):

➤ Combo box:

```
int i=Integer.parseInt(jTextField3.getText());
```



```
int f;
if(jComboBox1.getSelectedIndex()==0)
{
    f=i*2500;
    jTextField4.setText(" "+f);
}
else
if(jComboBox1.getSelectedIndex()==1)
{
    f=i*2000;
    jTextField4.setText(" "+f);
}
else
if(jComboBox1.getSelectedIndex()==2)
{
    f=i*3000;
    jTextField4.setText(" "+f);
}
else
{JOptionPane.showMessageDialog(this,"select a cuisine");
}
```

## 7.Travel:

➤ Yes:

```
travelarrangement w=new travelarrangement();
w.setVisible(true);
```

➤ No:

```
totalpayment r=new totalpayment();
r.setVisible(true);
```



## 8. Frame 8(Travel arrangement):

➤ Combo box:

```
int i=Integer.parseInt(jTextField1.getText());
int f;
if(jComboBox1.getSelectedIndex()==0)
{
    f=i*1000;
    jTextField2.setText(" "+f);
}
else
if(jComboBox1.getSelectedIndex()==1)
{
    f=i*1500;
    jTextField2.setText(" "+f);
}
else
if(jComboBox1.getSelectedIndex()==2)
{
    f=i*2500;
    jTextField2.setText(" "+f);
}else
if(jComboBox1.getSelectedIndex()==3)
{
    f=i*2000;
    jTextField2.setText(" "+f);
}
else
if(jComboBox1.getSelectedIndex()==4)
{
    f=i*4000;
```



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```
jTextField2.setText(" "+f);
```

```
}else
```

```
if(jComboBox1.getSelectedIndex()==5)
```

```
{
```

```
f=i*2500;
```

```
jTextField2.setText(" "+f);
```

```
}
```

```
else
```

```
{ JOptionPane.showMessageDialog(this,"select a car type");
```

```
}
```

➤ Next :

```
totalpayment q= new totalpayment();  
q.setVisible(true);
```

➤ Back:

```
travel l=new travel();
```

```
l.setVisible(true);
```

```
9. frame9(total payment);
```

➤ Total cost:

```
int i=Integer.parseInt(jTextField1.getText());  
double total=0;  
if(jCB1.isSelected())  
{  
    total=total+2000;  
    jTextField5.setText(""+i*total);
```



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```
}  
if(jCB2.isSelected())  
{  
    total=total+1000;  
    jTextField5.setText(""+i*total);  
}  
if(jCB3.isSelected())  
{  
    total=total+3000;  
    jTextField5.setText(""+i*total);  
}  
if(jCB4.isSelected())  
{  
    total=total+2000;  
    jTextField5.setText(""+i*total);  
}  
if(jCB5.isSelected())  
{  
    total=total+4000;  
    jTextField5.setText(""+i*total);  
}  
if(jCB6.isSelected())  
{  
    total=total+3000;  
    jTextField5.setText(""+i*total);  
}  
if(jCB7.isSelected())  
{
```



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total=total+2500;

jTextField5.setText(""+i\*total);

}

if(jCB8.isSelected())

{

total=total+2000;

jTextField5.setText(""+i\*total);

}

if(jCB9.isSelected())

{

total=total+3000;

jTextField5.setText(""+i\*total);

}

if(jCB10.isSelected())

{

total=total+1000;

jTextField5.setText(""+i\*total);

}

if(jCB11.isSelected())

{

total=total+1500;

jTextField5.setText(""+i\*total);

}if(jCB12.isSelected())

{

total=total+2500;

jTextField5.setText(""+i\*total);

}

if(jCB13.isSelected())



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```
{  
    total=total+2000;  
    jTextField5.setText(""+i*total);  
}  
if(jCB14.isSelected())  
{  
    total=total+4000;  
    jTextField5.setText(""+i*total);  
}  
}  
if(jCB15.isSelected())  
{  
    total=total+2500;  
    jTextField5.setText(""+i*total);  
}
```

➤ Next:

```
String noofdays=jTextField1.getText();  
if(noofdays.isEmpty())  
{  
    JOptionPane.showMessageDialog(this,"please enter no. of  
days");  
}  
else  
if (jComboBox1.getSelectedIndex()==0)  
{JOptionPane.showMessageDialog(this,"payment is successfully  
made");  
}  
if (jComboBox1.getSelectedIndex()==1)  
{MAKEPAYMENT q=new MAKEPAYMENT();  
q.setVisible(true);  
}
```



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```
if (jComboBox1.getSelectedIndex()==2)
{MAKEPAYMENT q=new MAKEPAYMENT();
q.setVisible(true);
}
```

➤ Back:

```
travelarrangement w=new travelarrangement();
w.setVisible(true);
```

➤ Back to home:

```
homepage v=new homepage();
v.setVisible(true);
```



10.Frame 10(make payment):

➤ Pay:

```
String number=jTextField1.getText();
String cardname=jTextField2.getText();
String cvv=jTextField3.getText();
if(number.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter card
number");
}
if(cardname.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter card
name");
}
if(cvv.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter cvv");
}

int n=cardname.length();
for(int i=0;i<n-1;i++)
if((cardname.charAt(i)>='0')&&(cardname.charAt(i)<='9'))
    JOptionPane.showMessageDialog(this,"re-enter cardname");
else
{
    JOptionPane.showMessageDialog(this,"payment is
successfully made");
}
```



➤ Back:

```
totalpayment w=new totalpayment();
w.setVisible(true);
```

➤ Back homepage:

```
homepage z=new homepage();
z.setVisible(true);
```

11. Frame11(admin login):

➤ Login:

```
String log=jTextField1.getText();
String password=jPasswordField1.getText();
if(log.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter user id");
}
if(password.isEmpty())
{
    JOptionPane.showMessageDialog(this,"please enter
password");
}
else
if((log.equals("jatss")&&password.equals("jatss123")))
{
    admin g=new admin();
    g.setVisible(true);
}
else
{
```



```
JOptionPane.showMessageDialog(this,"Username or password  
entered is incorrect");  
}
```

## 12.Frame 12(admin):

### ➤ Display:

```
DefaultTableModel tt=(DefaultTableModel)jTable1.getModel();  
int rows=tt.getRowCount();  
if(rows>0)  
{  
    for(int i=0;i<rows;i++)  
    {  
        tt.removeRow(0);  
    }  
}  
try  
{  
    Class.forName("java.sql.Driver");  
    java.sql.Connection  
con=DriverManager.getConnection("jdbc:mysql://localhost/jatss","r  
oot","123");  
    Statement stmt=(Statement)con.createStatement();  
    String query="Select * from hotel;";  
    ResultSet rs=stmt.executeQuery(query);  
    while(rs.next())  
    {  
        String name=rs.getString("name");  
        String age=rs.getString("age");  
        String gender=rs.getString("gender");  
        String phno=rs.getString("phno");
```



```
String address=rs.getString("address");
String check_in_date=rs.getString("check_in_date");
String check_out_date =rs.getString("check_out_date");
tt.addRow(new Object[]{name,age,gender,phno,address,
check_in_date,check_out_date});
}
}
catch(Exception e)
{
JOptionPane.showMessageDialog(this,e.getMessage());
}
```

➤ Insert:

```
DefaultTableModel tt=(DefaultTableModel)jTable1.getModel();
int rows=tt.getRowCount();
if(rows>0)
{
for(int i=0;i<rows;i++)
{
tt.removeRow(0);
}
}
try
{
Class.forName("java.sql.Driver");
java.sql.Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/jatss","r
oot","123");
Statement stmt=(Statement)con.createStatement();
String queryy="insert into hotel
values('"+jTextField1.getText()+"','"+jTextField6.getText()+"','"+jTextF
```



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```
ield7.getText()+"','"++jTextField2.getText()+"','"++jTextField3.getText()+"  
','"++jTextField4.getText()+"','"++jTextField5.getText()+"");  
int p=stmt.executeUpdate(query);  
String query="Select * from hotel;";  
ResultSet rs=stmt.executeQuery(query);  
while(rs.next())  
{  
    String name=rs.getString("name");  
    String age=rs.getString("age");  
    String gender=rs.getString("gender");  
    String phno=rs.getString("phno");  
    String address=rs.getString("address");  
    String check_in_date=rs.getString("check_in_date");  
    String check_out_date =rs.getString("check_out_date");  
    tt.addRow(new Object[]{name,age,gender,phno,address,  
    check_in_date, check_out_date});  
}  
}  
catch(Exception e)  
{  
    JOptionPane.showMessageDialog(this,e.getMessage());  
}
```

## ➤ Update:

```
DefaultTableModel tt=(DefaultTableModel)jTable1.getModel();  
int rows=tt.getRowCount();  
if(rows>0)  
{  
    for(int i=0;i<rows;i++)  
    {  
        tt.removeRow(0);  
    }
```



```
}

}

String old=JOptionPane.showInputDialog(this,"enter old name
to be updated");

String newx=JOptionPane.showInputDialog(this,"enter new
name to be updated");

try
{
    Class.forName("java.sql.Driver");
    java.sql.Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/jatss","r
oot","123");
    Statement stmt=(Statement)con.createStatement();
    String query="Update hotel set name='"+newx+"'where
name='"+old+"'";
    int p=stmt.executeUpdate(query);
    String queryy=" select*from hotel;";
    ResultSet rs=stmt.executeQuery(queryy);
    while(rs.next())
    {
        String name=rs.getString("name");
        String age=rs.getString("age");
        String gender=rs.getString("gender");
        String phno=rs.getString("phno");
        String address=rs.getString("address");
        String check_in_date=rs.getString("check_in_date");
        String check_out_date =rs.getString("check_out_date");
        tt.addRow(new Object[]{name,age,gender,phno,address,
check_in_date,check_out_date});
    }
}
```



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```
}
```

```
catch(Exception e)
```

```
{
```

```
JOptionPane.showMessageDialog(this,e.getMessage());
```

```
}
```

➤ Delete:

```
String j=JOptionPane.showInputDialog(this,"enter a name to be deleted");
```

```
DefaultTableModel tt=(DefaultTableModel)jTable1.getModel();
```

```
int rows=tt.getRowCount();
```

```
if(rows>0)
```

```
{
```

```
for(int i=0;i<rows;i++)
```

```
{
```

```
tt.removeRow(0);
```

```
}
```

```
}
```

```
try
```

```
{
```

```
Class.forName("java.sql.Driver");
```

```
java.sql.Connection
```

```
con=DriverManager.getConnection("jdbc:mysql://localhost/jatss","root","123");
```

```
Statement stmt=(Statement)con.createStatement();
```

```
String query="delete from hotel where name='"+jt+"'";
```

```
stmt.executeUpdate(query);
```

```
JOptionPane.showMessageDialog(this,"successfully deleted");
```

```
query="select * from hotel;";
```

```
ResultSet rs=stmt.executeQuery(query);
```

```
while(rs.next())
```



```
{  
    String name=rs.getString("name");  
    String age=rs.getString("age");  
    String gender=rs.getString("gender");  
    String phno=rs.getString("phno");  
    String address=rs.getString("address");  
    String check_in_date=rs.getString("check_in_date");  
    String check_out_date =rs.getString("check_out_date");  
    tt.addRow(new Object[]{name,age,gender,phno,address,  
    check_in_date, check_out_date});  
}  
}  
catch(Exception e)  
{  
    JOptionPane.showMessageDialog(this,e.getMessage());  
}
```

#### ➤ Variable search:

```
String w=JOptionPane.showInputDialog(this," entre a name to be  
searched");  
DefaultTableModel tt=(DefaultTableModel)jTable1.getModel();  
int rows=tt.getRowCount();  
if(rows>0)  
{  
    for(int i=0;i<rows;i++)  
    {  
        tt.removeRow(0);  
    }  
}  
try  
{
```



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```
Class.forName("java.sql.Driver");
java.sql.Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/jatss","root","123");
Statement stmt=(Statement)con.createStatement();
String query="Select * from hotel where name='"+w+"'";
ResultSet rs=stmt.executeQuery(query);
while(rs.next())
{ String name=rs.getString("name");
String age=rs.getString("age");
String gender=rs.getString("gender");
String phno=rs.getString("phno");
String address=rs.getString("address");
String check_in_date=rs.getString("check_in_date");
String check_out_date =rs.getString("check_out_date");
tt.addRow(new Object[]{name,age,gender,phno,address,
check_in_date,check_out_date});
}
catch(Exception e)
{
JOptionPane.showMessageDialog(this,e.getMessage());
}
```

## ➤ Integer search:

```
String a=JOptionPane.showInputDialog(this,"enter a age to be
searched");
DefaultTableModel tt=(DefaultTableModel)jTable1.getModel();
int rows=tt.getRowCount();
if(rows>0)
{
```



```
for(int i=0;i<rows;i++)
{
    tt.removeRow(0);
}
try
{
    Class.forName("java.sql.Driver");
    java.sql.Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/jatss","r
oot","123");
    Statement stmt=(Statement)con.createStatement();
    String query="Select * from hotel where age="+a+";";
    ResultSet rs=stmt.executeQuery(query);
    while(rs.next())
    {
        String name=rs.getString("name");
        String age=rs.getString("age");
        String gender=rs.getString("gender");
        String phno=rs.getString("phno");
        String address=rs.getString("address");
        String check_in_date=rs.getString("check_in_date");
        String check_out_date =rs.getString("check_out_date");
        tt.addRow(new Object[]{name,age,gender,phno,address,
check_in_date,check_out_date});
    }
}
catch(Exception e)
{
    JOptionPane.showMessageDialog(this,e.getMessage());
}
```



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## ➤ Data validation:

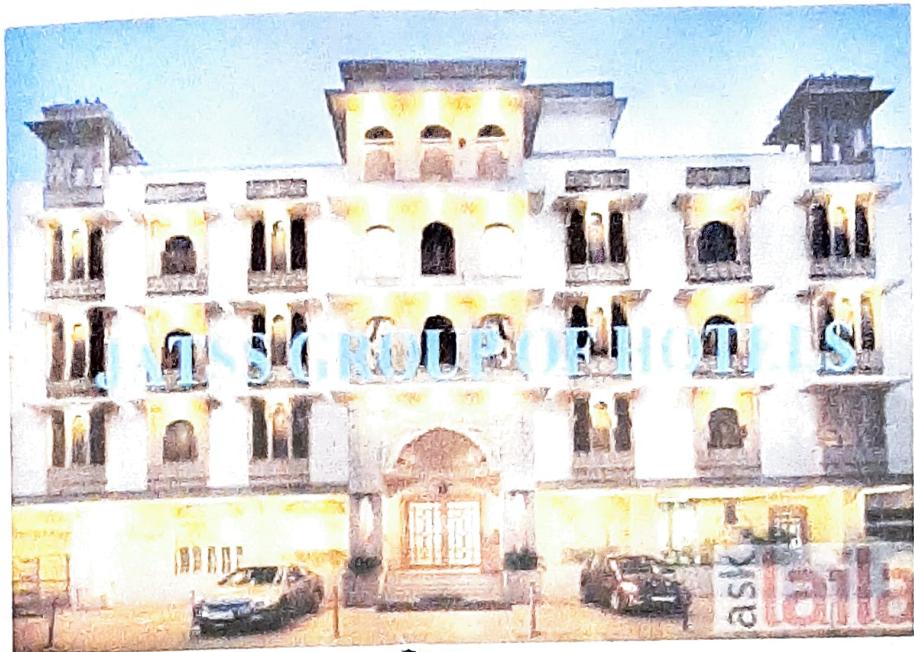
```
String Name=jTextField1.getText();
int n=Name.length();
for(int i=0;i<n-1;i++)
    if((Name.charAt(i)>='0')&&(Name.charAt(i)<='9'))
        JOptionPane.showMessageDialog(this,"re-enter name");
String Gender=jTextField1.getText();
int s=Gender.length();
for(int i=0;i<n-1;i++)
    if((Gender.charAt(i)>='0')&&(Gender.charAt(i)<='9'))
        JOptionPane.showMessageDialog(this,"re-enter Gender");
```



## OUTPUT:

JATSS HOTEL

Welcome To Jatss Hotel



*user login*

*sign in*

*admin*

JATSS HOTEL

*Sign In*

*Enter Name*

teepshika

*Enter Age*

20

*Enter Gender*

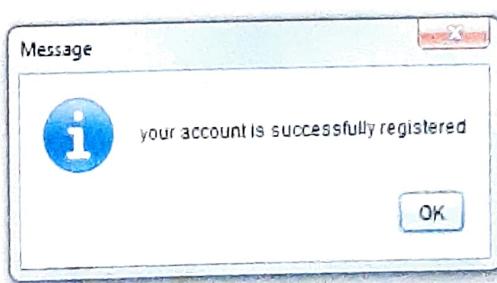
female

*Enter Phone No*

9445106638

*Enter E-Mail Id*

@gmail.com



*Submit*

*Back*



# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## Sign In

Enter Name

jackline

Enter Age

23

Enter Gender

female

Enter Phone No

9884817023

Enter E-Mail Id

\_\_\_\_\_



Submit

Back

JATSS HOTEL

## User Login

Enter User Id

jackline

Enter Password

\*\*\*\*\*

Login

Back



**ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE**

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## User Login

Enter User Id

Enter Password

Login

Back

Message



please enter your usenid

OK

JATSS HOTEL

## User Login

Enter User Id

jackline

Enter Password

\*\*\*\*\*

Login

Back

Message



Username or password entered is incorrect

OK



# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## Guest Information

Enter Your Name

teepshika

Enter Phone\_No

9445106638

Enter address

palavakkam

Enter age

20

Enter Email\_Id

:hkasundar@gmail.com

enter gender

female

GO Back

Next

JATSS HOTEL

## Guest Information

Enter Your Name

Jackline

Enter Phone\_No

9884817023

Enter address

vannathurai

Enter age

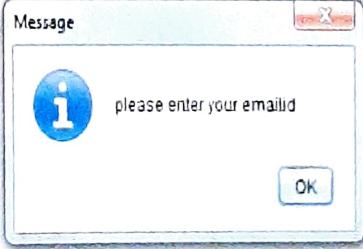
23

Enter Email\_Id

\_\_\_\_\_

enter gender

female



GO Back

Next



# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

Room Type

Single

0/0  
See 0/

Enter Check\_In Date 2017-11-01



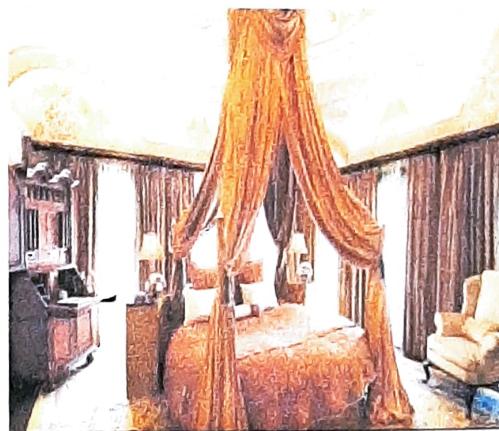
Enter Check\_Out Date 2017-11-23

No Of Days 2

Room Rent 4000

Go Back

Next



Room Type

Double

0/0  
See 0/

Enter Check\_In Date 2017-05-04



Enter Check\_Out Date 2017-05-06

No Of Days 2

Room Rent 5000

Go Back

Next





# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

HOTEL

Room Type

Suite



Enter Check\_In\_Date 2017-05-27



Enter Check\_Out\_Date 2017-05-30

No Of Days 2

Room Rent 12000

Go Back

Next



HOTEL

## FOOD

No. Of Days 2

Select your Cuisine Chinese

Chinese

Total Cost 500

Next

Back





# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## FOOD

No. Of Days  
1

Select your Cuisine  
 Indian

Total Cost  
6000

[Next](#)

[Back](#)



JATSS HOTEL

## FOOD

No. Of Days  
2

Select your Cuisine  
 Italian

Total Cost  
6000

[Next](#)

[Back](#)





# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## Travel

Do you want to be arranged with Travel?

yes

No

## Travel Arrangement

No.Of.Days

2

What Type Of Car?

Scarpia ▾

Total Cost ➤

8000

Next

Back

## Travel Arrangement

No.Of.Days

2

What Type Of Car?

Swift ▾

Total Cost

5000

Next

Back



# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

LATSS HOTEL

## Total Payment

<input type="checkbox"/> Single a/c	<input type="checkbox"/> Chinese	<input type="checkbox"/> Vana	No. Of Days	2
<input type="checkbox"/> Single Van a/c	<input type="checkbox"/> Indian	<input type="checkbox"/> Santra	Total Cost	22000.00
<input type="checkbox"/> Double a/c	<input checked="" type="checkbox"/> Italian	<input type="checkbox"/> Inaaa		
<input type="checkbox"/> Double Van a/c		<input type="checkbox"/> J2L	Payment Type	<input type="checkbox"/> cash
<input checked="" type="checkbox"/> Suit a/c		<input checked="" type="checkbox"/> Scorpio		
<input type="checkbox"/> Suit Van a/c		<input type="checkbox"/> Swift	<input type="button" value="Next"/>	<input type="button" value="Back"/>
				
<input type="button" value="Back To Home"/>				

LATSS HOTEL

## Total Payment

<input checked="" type="checkbox"/> Single a/c	<input checked="" type="checkbox"/> Chinese	<input checked="" type="checkbox"/> Vana	No. Of Days	2
<input type="checkbox"/> Single Van a/c	<input type="checkbox"/> Indian	<input type="checkbox"/> Santra	Total Cost	11000.00
<input type="checkbox"/> Double a/c	<input type="checkbox"/> Italian	<input type="checkbox"/> Inaaa		
<input type="checkbox"/> Double Van a/c		<input type="checkbox"/> J2L	Payment Type	<input type="checkbox"/> credit card <input type="checkbox"/> cash <input type="checkbox"/> credit card <input type="checkbox"/> debit card
<input type="checkbox"/> Suit a/c		<input type="checkbox"/> Scorpio		
<input type="checkbox"/> Suit Van a/c		<input type="checkbox"/> Swift	<input type="button" value="Next"/>	<input type="button" value="Back"/>
<input type="button" value="Back To Home"/>				



# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## Make Payment

Card No. \_\_\_\_\_

Card Name \_\_\_\_\_

Cvv \_\_\_\_\_

Pay

Back

Back To Home



JATSS HOTEL

## Make Payment

Card No. 12345

Card Name 4568

Cvv 5678

Pay

Back

Back To Home





# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## Make Payment

Card No.

12345

Card Name

lal

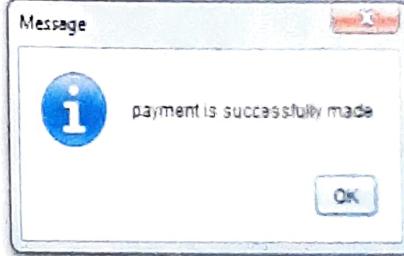
Cvv

476

**Pay**

**Back**

**Back To Home**



JATSS HOTEL

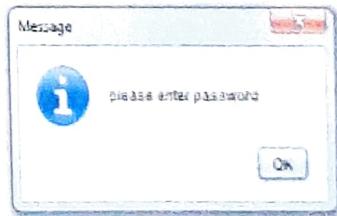
## Admin Login

User\_Id

jatss

**Login**

Enter Password





# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

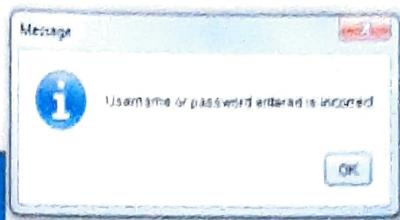
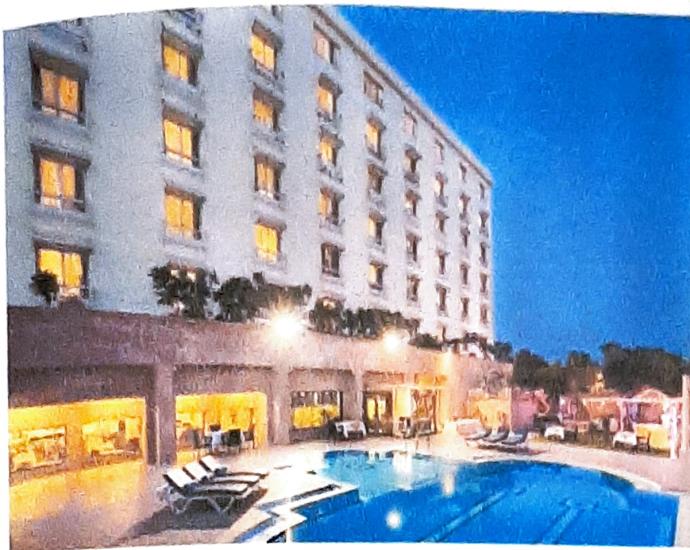
## Admin Login

User Id

jatss

Login

Enter Password



JATSS HOTEL

## Admin Display

Enter Name

enter age

Display

Insert

update

enter gender

Delete

Enter phna

Enter address

Variable Search    integer search

Enter check\_in\_date

data validation

Enter check\_out\_date

name	age	gender	phone_no	address	check_in_date	check_out_d.
aysha	25	female	9940154...	sholling...	2017-11...	2017-11...
sackline	24	female	9840165...	vananth...	2017-06...	2017-06...
samudra	21	female	7200859...	besant n...	2017-12...	2017-12...
sushmitha	25	female	9964863...	adyar	2017-10...	2017-10...
teepshika	20	female	9445106...	palavak...	2017-06...	2017-06...
sanjana	23	female	7299726...	madipakk...	2017-03...	2017-03...



# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

## Admin Insert

Enter Name

vaishali

enter age

23

**Display**

**Insert**

**update**

enter gender

female

**Delete**

Enter phno

9876748472

**Variable Search**

**integer search**

Enter address

adyar

Enter check\_in\_date

2017-04-27

**data validation**

Enter check\_out\_date

2017-04-29

name	age	gender	phone_no	address	check_in_d...	check_out_...
jackline	24	female	9840165...	vananth...	2017-06...	2017-06...
samudra	21	female	7200859...	besant ...	2017-12...	2017-12...
rushmutha	25	female	9964863...	adyar	2017-10...	2017-10...
teepshika	20	female	9445106...	palavak...	2017-06...	2017-06...
sanjana	23	female	7299726...	madipak...	2017-03...	2017-03...
vaishali	23	female	9876748...	adyar	2017-04...	2017-04...

## Admin Update

Enter Name

**Display**

**Insert**

**update**

enter gender

**Delete**

Enter phno

**Variable Search**

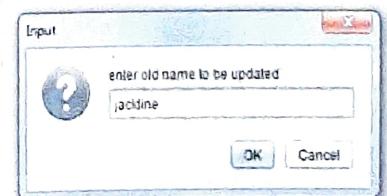
**integer search**

Enter address

**data validation**

Enter check\_in\_date

name	age	gender	phone_no	address	check_in_date	check_out_d...
------	-----	--------	----------	---------	---------------	----------------



JATSS HOTEL



# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## Admin Update

Enter Name

Display

Insert

update

enter age

Delete

enter gender

Enter phone

Enter address

Variable Search

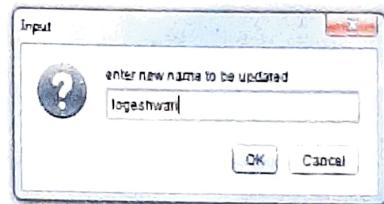
integer search

Enter check\_in\_date

data validation

Enter check\_out\_date

name	age	gender	phone_no	address	check_in_date	check_out_d...
------	-----	--------	----------	---------	---------------	----------------



JATSS HOTEL

## Admin Update

Enter Name

Display

Insert

update

enter age

Delete

enter gender

Enter phone

Enter address

Variable Search

integer search

Enter check\_in\_date

data validation

Enter check\_out\_date

name	age	gender	phone_no	address	check_in_d...	check_out_d...
ayisha	25	female	9940154...	sholling...	2017-11...	2017-11...
logeeshwari	24	female	9840165...	vananth...	2017-06...	2017-06...
samudra	21	female	7200859...	besant ...	2017-12...	2017-12...
rushmika	25	female	9964863...	adyar	2017-10...	2017-10...
teepshika	20	female	9445106...	palavakk...	2017-06...	2017-06...
susanna	23	female	7299726...	madipakk...	2017-03...	2017-03...



# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

## Admin Delete

Enter Name

Enter age

Display

Insert

update

Enter gender

Delete

Enter phone

Variable Search

integer search

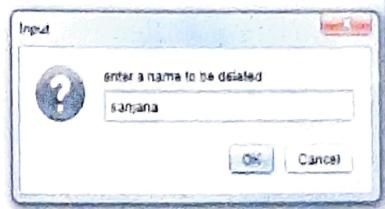
Enter address

data validation

Enter check\_in\_date

Enter check\_out\_date

Name	Age	Gender	Phone_no	Address	check_in_date	check_out_d...
------	-----	--------	----------	---------	---------------	----------------



JATES HOTEL

## Admin Delete

Enter Name

Display

Insert

update

Enter gender

Delete

Enter phno

Variable Search

integer search

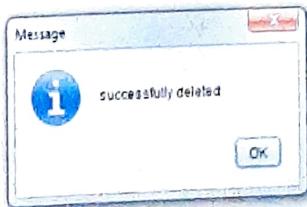
Enter address

data validation

Enter check\_in\_date

Enter check\_out\_date

Name	Age	Gender	Phone_no	Address	check_in_date	check_out_d...
------	-----	--------	----------	---------	---------------	----------------





# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## Admin Delete

Enter Name

enter age

enter gender

Enter phone

Enter address

Enter check\_in\_date

Enter check\_out\_date

Display

Insert

update

Delete

Variable Search

integer search

data validation

name	age	gender	phone_no	address	check_in_date	check_out_d...
aysha	25	female	9940154...	sholling...	2017-11...	2017-11...
logeshwari	24	female	9840165...	vasanth...	2017-06...	2017-06...
samudra	21	female	7200859...	besant n...	2017-12...	2017-12...
rushmitha	25	female	9964863...	adyar	2017-10...	2017-10...
teepshika	20	female	9445106...	palavak...	2017-06...	2017-06...
vaishali	23	female	9876748...	adyar	2017-04...	2017-04...

JATSS HOTEL

## Admin Variable Search

Enter Name

enter age

enter gender

Enter phone

Enter address

Enter check\_in\_date

Enter check\_out\_date

Display

Insert

update

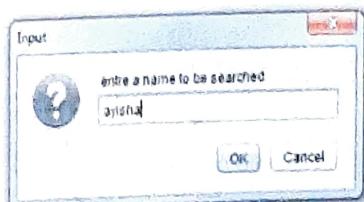
Delete

Variable Search

integer search

data validation

name	age	gender	phone_no	address	check_in_date	check_out_d...
ayisha	25	female	9940154...	sholling...	2017-11...	2017-11...





# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

## Admin Variable Search

Enter Name

enter age

enter gender

Enter phno

Enter address

Enter check\_in\_date

Enter check\_out\_date

Display

Insert

update

Delete

Variable Search

integer search

data validation

name	age	gender	phone_no	address	check_in_date	check_out_d
avisha	25	female	9940154...	sholing...	2017-11...	2017-11...

JATSS HOTEL

## Admin Integer Search

Enter Name

enter age

enter gender

Enter phno

Enter address

Enter check\_in\_date

Enter check\_out\_date

Display

Insert

update

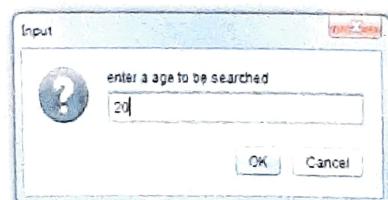
Delete

Variable Search

integer search

data validation

name	age	gender	phone_no	address	check_in_date	check_out_d





# ST.JOHN'S ENGLISH SCHOOL & JUNIOR COLLEGE

BESANT NAGAR, CHENNAI - 600 090.

JATSS HOTEL

## Admin Integer Search

Enter Name

enter age

enter gender

Enter phno

Enter address

Enter check\_in\_date

Enter check\_out\_date

**Display**

**Insert**

**update**

**Delete**

**Variable Search**

**integer search**

**data validation**

name	age	gender	phone_no	address	check_in_date	check_out_d...
seepshika	20	female	9445106...	palavak...	2017-06...	2017-06...

JATSS HOTEL

## Admin Data Validation

Enter Name

12344354

**Display**

**Insert**

**update**

**Delete**

enter age

1234

enter gender

Enter phno

Enter address

**Variable Search**

**integer search**

Enter check\_in\_date

**data validation**

Enter check\_out\_date

name	age	gender	phone_no	address	check_in_date	check_out_d...





## MYSQL OUTPUT:

```
mysql> select * from hotel;
```

name	age	gender	phno	address	check_in_date	check_out_date
ayisha	25	female	9940154411	shollinganalur	2017-11-21	2017-11-23
jackline	24	female	9840165849	vananthurai	2017-06-27	2017-06-30
samudra	21	female	7200859054	besant nagar	2017-12-03	2017-12-10
sushmitha	25	female	9964863629	adyar	2017-10-04	2017-10-09
teepshika	20	female	9445106638	palavakkam	2017-06-04	2017-06-06
sanjana	23	female	7299726054	madipakkam	2017-03-26	2017-03-28

6 rows in set (0.00 sec)

```
mysql> desc hotel;
```

Field	Type	Null	Key	Default	Extra
name	varchar(25)	YES		NULL	
age	int(11)	YES		NULL	
gender	varchar(10)	YES		NULL	
phno	bigint(20)	YES		NULL	
address	varchar(50)	YES		NULL	
check_in_date	date	YES		NULL	
check_out_date	date	YES		NULL	

7 rows in set (0.00 sec)



## CONCLUSION

This project has helped me in learning the various dimensions of java-Database Connectivity. The Hotel Management program is very effective in Hotel Administration.

MySQL contains tables for connectivity and Java acts as the Front-End to display the contents of Back-end. Hence, the concepts of Front-End (java) to Back-End (MySQL) connectivity is performed in "JATSS HOTEL".