**Find Hotels Project:**

**How to run the project:**

1. Install JDK 8 into the system and set environment variable to its bin folder.

2. Install MySQL 5 into the system and set user name and password as 'root'.

3. Install Eclipse to run the code.

4. Download the Apache Tomcat v8.5

5. First run all the Queries as given below, in MySQL.

6. Open Eclipse and load the codes.

7. Jar files required:

a. jstl-1.2 or above

b. mysql-connector-java-8.0.17 or above

8. Add a server 'Tomcat v8.5'.

9. Right click on project and select 'Run as' 'On server'.

10. In server select 'Tomcat' and click finish. Project runs successful.

**Queries:**

* Create schema test;
* Use test;
* create table halls( hname varchar(30) primary key, hsize int, hrev int, venue varchar(30), city varchar(10), budget int );
* here:

hname => Hall name.

hsize => Hall size.

hrev => Hall minimum revenue.

Venue => Hotel name.

city => City where the hotel is.

Budget => Per guest price.

Now, Insert data into the table. One of the inserting query is given bellow.

* insert into halls values( "ITCM 3", 4000, 75000, "ITC Maurya", "Delhi", 1300 );

Similarly, Add all the data of the table given bellow:

**The table is:**



**Working:**

* First the client enters the information in the first page.
* On clicking search button, the data goes from JSP page to the Servlet through the Tomcat server.
* The Servlet receives the data. Then it connects to MySql database by using appropriate drivers.
* After connecting to MySql, the Servlet passes appropriate query for execution to database.
* The database executes the query and sends the resulting table to the ResultSet variable of the Servlet.
* The Servlet then fetches data from the ResultSet variable, then gets the session object and passes those data into the session object to show the result to client.
* Then the Servlet redirects to another JSP page where the result is shown to the client.
* The redirected JSP page is loaded and the appropriate data is shown to the client.