**Aim. Write program in java to demonstrate hotel gc**

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<%@ page language="java" contentType="text/html; charset=UTF-8"

pageEncoding="UTF-8"%>

<%@page import="java.sql.Connection" %>

<%@page import="java.sql.DriverManager" %>

<%@page import="java.sql.SQLException" %>

<%@page import="java.util.logging.Level" %>

<%@page import="java.util.logging.Logger" %>

<%@page import="java.sql.PreparedStatement"%>

<%@page import="java.sql.ResultSet" %>

<%@page import="java.util.ArrayList" %>

<head>

<title>Faculty Registration Form</title>

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css" integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/water.css@2/out/water.css">

</head>

<%

String msg = "";

String color = "";

Connection conn;

if(request.getMethod().compareToIgnoreCase("post")==0)

{

try

{

String roomno = request.getParameter("roomno");

String roomtype = request.getParameter("roomtype");

String bedtype = request.getParameter("bedtype");

String amount = request.getParameter("amount");

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

conn = DriverManager.getConnection("jdbc:mysql://localhost/hotel","root","");

String query = "INSERT INTO `root`(`roomno`, `roomtype`, `bedtype`, `amount`) VALUES (?,?,?,?)";

PreparedStatement pst = conn.prepareStatement(query);

//System.out.println(query);

pst.setString(1, roomno);

pst.setString(2, roomtype);

pst.setString(3, bedtype);

pst.setString(4, amount);

pst.executeUpdate();

color = "green";

msg = "Room Added Succesfully";

}catch(Exception ex){

ex.printStackTrace();

color = "red";

msg = "Error Occured";

}

}

%>

<body>

<div class="container">

<div class="form-group col-12 p-0">

<h4 style="color:<%= color %>"><%= msg %></h4>

</div>

<form id="form" method="post" action="index.jsp" class="form-horizontal">

<div class="form-group">

<div class="col-sm-12">

<h2 style="text-align: center; color: blue">Hotel Room Details</h2>

</div>

</div>

<hr/>

<div class="row">

<div class="form-group col-md-6">

<label>Room no</label>

<input type="text" name="roomno" class="form-control" id="roomno" placeholder="roomno">

</div>

<div class="form-group col-md-6">

<label for="address">Room Type</label>

<select class="form-control" id="roomtype" name="roomtype"

placeholder="Project Status" required>

<option value="">Please Select</option>

<option>A/C</option>

<option>NON A/C</option>

</select>

</div>

<div class="form-group col-md-6">

<label for="address">Bed Type</label>

<select class="form-control" id="bedtype" name="bedtype"

placeholder="Project Status" required>

<option value="">Please Select</option>

<option>Single</option>

<option>Double</option>

</select>

</div>

<div class="form-group col-md-6">

<label>Amount</label>

<input type="text" name="amount" class="form-control" id="amount" placeholder="amount">

</div>

<div class="form-group col-md-6" align="center">

<Button class="btn btn-success" style="width: 80px;">Submit</Button>

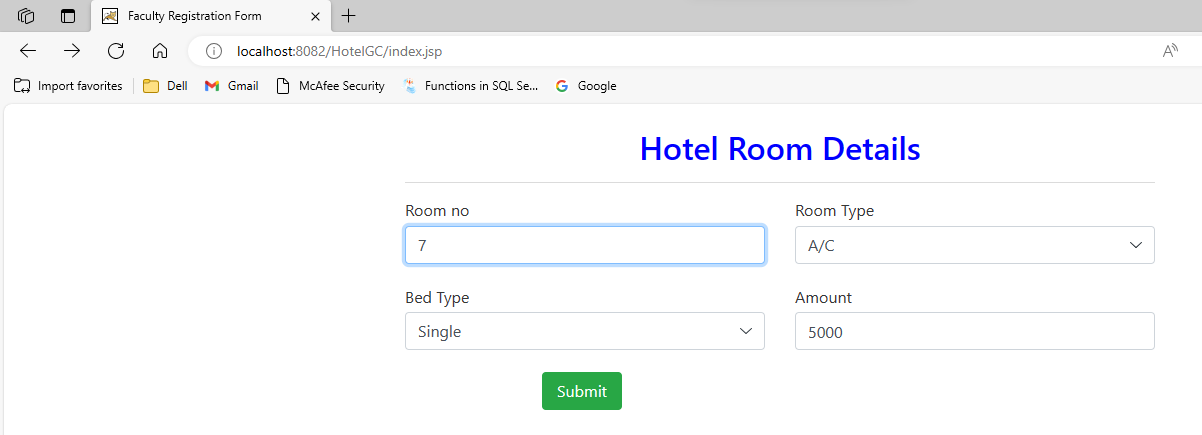
</div>

</div>

</form>

</body>

**OUTPUT :**

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