**Interview ouestion and answers**

**Ouestion 1**

**User.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Shopping Card For Book Store</title>

</head>

<body>

<body background="68.jpg">

<h1 align="center">SHOPPING CARE FOR BOOK STORE</h1>

<marquee><font size="6" color="blue">Welcome to Shopping Card For Store</font></marquee>

</body>

</html>

2.Register.java

package hello;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class register

\*/

public class register extends HttpServlet {

private static final long serialVersionUID = 1L;

private static final String PhoneNo = null;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public register() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

response.setContentType("text/html");

PrintWriter pr=response.getWriter();

String f=request.getParameter("FirstName");

String l=request.getParameter("LastName");

String e=request.getParameter("Email");

String ph=request.getParameter("PhoneNo");

String lo=request.getParameter("Location");

try{

Class.forName("com.microsoft.sqlserver.jdbc.SQLServerDriver");

Connection con=DriverManager.getConnection("jdbc:sqlserver://localhost:49178;database=kiran;integratedSecurity=true");

PreparedStatement ps=con.prepareStatement("insert into user\_detail1 values(?,?,?,?,?)");

ps.setString(1, f);

ps.setString(2, l);

ps.setString(3, e);

ps.setString(4, ph);

ps.setString(5, lo);

int i=ps.executeUpdate();

if(i>0)

{

pr.print("registered");

}

}catch(Exception e1)

{

System.out.println(e1);

}

pr.close();

}

}

**3.Web.xml**

<?xml version="1.0" encoding="UTF-8"?>

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://java.sun.com/xml/ns/javaee" xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd" id="WebApp\_ID" version="2.5">

<display-name>Question01</display-name>

<welcome-file-list>

<welcome-file>user.html</welcome-file>

</welcome-file-list>

<servlet>

<description></description>

<display-name>register</display-name>

<servlet-name>register</servlet-name>

<servlet-class>hello.register</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>register</servlet-name>

<url-pattern>/register</url-pattern>

</servlet-mapping>

</web-app>

Question 2

package hello;

public class StringDemo {

static int i,c=0,res;

static int wordcount(String s)

{

char ch[]= new char[s.length()]; //in string especially we have to mention the () after length

for(i=0;i<s.length();i++)

{

ch[i]= s.charAt(i);

if( ((i>0)&&(ch[i]!=' ')&&(ch[i-1]==' ')) || ((ch[0]!=' ')&&(i==0)) )

c++;

}

return c;

}

public static void main (String args[])

{

res=StringDemo.wordcount(" We test coders. Give us a try?");

//string is always passed in double quotes

System.out.println("The number of words in the String are : "+res);

}

}

**Question 3**

create table emp (empno int ,ename varchar(20),job varchar(10),MGR int,hiredate int,sal int, deptno int,PRIMARY KEY(empno));

insert into emp values( 101,'kiran', 'Engineer',7902,8/7/12,35000,1);

insert into emp values( 102,'dipali', 'tester',7905,9/7/12,45000,2);

insert into emp values( 103,'dimple', 'tester',7909,4/7/12,5000,3);

insert into emp values( 110,'priya', 'Engineer',7902,8/7/12,5000,1);

insert into emp values( 106,'vidhya', 'Developer',7908,7/7/12,15000,6);

insert into emp values( 105,'teju', 'operater',7905,6/7/12,38600,5);

select \* from emp;

create table dept(deptno int,dname varchar(20),location varchar(20),PRIMARY KEY (deptno));

insert into dept values(1,'IT','pune');

insert into dept values(2,'comp','dhule');

insert into dept values(3,'mechanical','bhusawal');

insert into dept values(4,'civil','bhuldhana');

insert into dept values(5,'chemical','sakari');

select \* from dept;

SELECT d.deptno,d.dname,

COUNT(e.empno) as number\_of\_employees

FROM dept d,emp e

WHERE d.deptno = e.deptno

GROUP BY d.deptno,d.dname