Ws steps:

Prac 1-

Project: Java - java web application

Right click on the web application and create a new web service

Give a name to package - Finish

Go to design

Remove the operation already there

Then add new operation

First operation name - GetTimeAsString (string)

Second operation name - GetTimeasElapsed (long)

Go to source code and replace

• return null with return new java.util.Date().to string();

• return 0 with return new java.util.Date().getTime();

Deploy it and then test the web service in web services folder

Check the buttons if the value is there

Copy the Wsdl file link

Now make a new web application and put the name as xyz\_client

Right click and make a web service client

Wsdl url mai add the Wsdl link

Delete the index.html and make it index.jsp

Now drag and drop in the body tag from web service reference in there

And then write "time elapsed" in the println function of println and same in time string .

Run the index.jsp file

Now open visual studio and now create a new project Console app(.net framework)

Then soln explorer mai jaake add references and add service reference and add the Wsdl url in in address and go and ok.

Then write in the code

Servicereference1.Xyz\_client client = new Servicereference1.Xyz\_client();

Console.WriteLine("Time as string:"+client.getTimeAsString());

Console.WriteLine("Time as Elapsed:"+client.getTimeAsElapsed());

Console.Read();

Now open notepad for php and xampp

go to xampp->php->php configuration settings file and search extension= and you'll get many values and change the first extension=php\_soap.dll to soap.

And also remove the ; from the front.

Now write the code for php in notepad

<?php>

$client = new SoapClient("Wsdl url");

$t1=$client ->GetTimeasElapsed ();

echo "Elapsed time is", $t1 -> return;

$t2=$client ->GetTimeAsString ();

echo "<br>string time is", $t2 -> return;

<?>

Save in htdocs and run in localhost

Prac 2:

New project: java- java web application

Right click Add new webservice and add a package name

Design and delete operation

Add operations name add(double), sub(double), mul (double), div(double)

with parameters a and b (both double)

And in return 0.0 replace it with a+b,a-b.…..

Deploy and test and get the Wsdl link

Now new web application for client and add webservices client and add the url for Wsdl

Make a form with inputs in index.html :

<form action= "operation.jsp">

Enter first number <input type ....>

ye wala pura code from journal

</Form>

Now make a new jsp file usme hi as operation.jsp

And drag and drop the web service references into the body tag

Remove the <% wale in the middle

Remove the double a and b in the try blocks

Now before the first try block

add the code

double a =Double.parseInt(request.getParameter("first"));

double b =Double.parseInt(request.getParameter("second"));

String choice = request.getParameter("operations");

if(choice.equals ("add")){

Add the try block in this first wala

}

else if(choice.equals("sub")){

Add the second try block

}

.

. So on for mul and div

.

Save and run

prac 3:

new project- java - java web application

go to services and click on Java db, and create a new database and then connect jdbc derby wala

Now create a new table in it with columns NSE , BSE , GOLDRATE with int type

View data in prac 3 table

And insert data in the table

Now add operations in design as

GetNse, getBse, getGoldrate - all return type as int

Now in getBSE(){

int bse=0;

try{

Class.forname(" copy the driver class from jdbc derby ke properties");

Connection con = DriverManager.getConnection("copy the jdbc derby properties and copy the database url", "username","password");

Statement stmt = con.createStatement();

ResultSet rs = stmt.executeQuery("select \* from table name ");

rs.next(); import the SQL wale statements

bse = rs.getIng("BSE");

} catch(Exception e) {

}

Return bse;

}

getNSE(){

int nse=0;

try{

Class.forname(" copy the driver class from jdbc derby ke properties");

Connection con = DriverManager.getConnection("copy the jdbc derby properties and copy the database url", "username","password");

Statement stmt = con.createStatement();

ResultSet rs = stmt.executeQuery("select \* from table name ");

rs.next(); import the SQL wale statements

bse = rs.getIng("NSE");

} catch(Exception e) {

}

Return nse;

}

.

.

.

Similar for gold

Now deploy and test and get the Wsdl url

Make a client for the same

new project-> web application -> add webservices client and paste the Wsdl url

Replace index.html with index.jsp

Drag and drop web service references in body tag

[11:22 pm, 18/10/2022] Dee: Prac 4:

new project- java - java web application

Add new webservice with package

Now create a new table in the same db with columns clg , rating with varchar type and give size.

View data of this table and insert data

Now design mai jaake

Remove and add a new operation as

Get rating with return type as string

Parameter as college\_name

getRating (){

String rating="";

try{

Class.forname(" copy the driver class from jdbc derby ke properties");

Connection con = DriverManager.getConnection("copy the jdbc derby properties and copy the database url", "username","password");

PreparedStatement stmt = con.preparedstatement("select \* from table name where college name=?");

stmt.setString(1,college name);

ResultSet rs = stmt.executeQuery();

rs.next(); import the SQL wale statements

Rating = rs.getString("rating");

} catch(Exception e) {

}

Return rating;

}

Deploy and test and get the Wsdl url

Now client

New web application and add web services client with the Wsdl url

Now make a jsp file as rating.jsp

Now in index.html make a form-

<form action="rating.jsp">

College name <input type ....>

</Form>

Now in jsp drag and drop in body from web references

Now above try block

String college\_name= request.getParameter("name in index.html");

Save and run

[11:51 pm, 18/10/2022] Dee: Prac 5:

new project- java - java web application

Add new webservice with package

Now create 2 new tables first is prac5 in the same db with columns date, news with varchar type and give size.

Second is prac5\_pred with columns as sign and prediction with varchar type.

View data and insert values

Now design mai jaake

Remove and add a new operation as

Getprediction(parameter sign) and getBreakingNews( paramater date) both as string

getBN(){

String rating="";

try{

Class.forname(" copy the driver class from jdbc derby ke properties");

Connection con = DriverManager.getConnection("copy the jdbc derby properties and copy the database url", "username","password");

PreparedStatement stmt = con.preparedstatement("select \* from table name(prac5) where date=?");

stmt.setString(1,date);

ResultSet rs = stmt.executeQuery();

rs.next(); import the SQL wale statements

BreakingNews = rs.getString("news");

} catch(Exception e) {

}

Return BreakingNews;

}

getprediction (){

String rating="";

try{

Class.forname(" copy the driver class from jdbc derby ke properties");

Connection con = DriverManager.getConnection("copy the jdbc derby properties and copy the database url", "username","password");

PreparedStatement stmt = con.preparedstatement("select \* from table name(prac5\_pred) where date=?");

stmt.setString(1,sign);

ResultSet rs = stmt.executeQuery();

rs.next(); import the SQL wale statements

Prediction = rs.getString("pred");

} catch(Exception e) {

}

Return Prediction;

}

Deploy and test and get the Wsdl

Now client

New web application and add web services client with the Wsdl url

Now make a jsp file as channel.jsp

Now in index.html make a form-

<form action="channel.jsp">

Enter submit <input type ....>

Select radio button wala code from prac 2 usme options mai

• Breaking news

• Prediction

</Form>

Now in jsp drag and drop in body from web references and remove <%

Above try catch block Write

String t1=request.getParameter("news");

String t2=request.getParameter("operations");

If(choice.equals=("news")){

Add the news wala try block

}

Else {

second try block

} \_Sidenote- in the try block change to java.lang.string result =port.getBN(a) matlab the radio button you click usme wo \*a parameter jayega\_\*

Save and run

Prac 6-

New project- java- java web app

Go to services and start the Java db and in the previously made database make a new table for prac 6

The columns would have Id(int, primary key), name(varchar), designation (varchar).

Now view data and insert the data.

Now right-click on your web app and add new restful web services from db.

Now give any name to data source and add the table for the prac. And give a package name and next.

Now deploy the web application.

And right click on the restful web services ka folder and test it. Click on the first option.

Make sure the browser is internet explorer near run.

Go on your table on the left side when you test on your browser. Get application wala button ayega select and test it(all the post and gets) change and insert it .

Insert the contents in post mai jaake with changing values.

Prac 7-

New project- java- java web app

Go to services and start the Java db and in the previously made database make a new table for prac 7

Add columns as rollno(Int, primary key), name(varchar), totalmarks (int) - save ok

view data and add data

Now right-click on your web app and add new restful web services from db.

Now give any name to data source and add the table for the prac. And give a package name and next.

Now deploy and then test the restful web service folder.

Now click on the left side table and test get and post the content in post.

CLIENT SIDE-

Now create a new web app for client side. And add the code in index.html

Now add the <style> under head where you create a table [optional]

table {

font-family:Arial, sans-serif;

border-collapse:collapse;

}

td,th {

border: 1px solid #000000;

text-align:centre;

padding:8px;

}

</Style>

Now inside the <body>

<table Id=" myTable">

<Tr>

<Th> roll no. </Th>

.

.

</Tr>

</Table>

now after the </style>

add a

<script>

var request = new XMLHttpRequest();

request.open("GET","url needs to be taken from the testing of web service under resource", true);

request.onLoad=function() {

var data= JSON.parse(this.response);

for (var i = 0; i < data.length; i++)

{

var table = document.getElementById("myTable");

var row = table.insertRow();

var cell1 = row.insertCell(0);

var cell2 = row.insertCell(1);

var cell3 = row.insertCell(2);

cell1.innerHTML = data[i].column name 1;

cell2.innerHTML = data[i].column name 2;

cell3.innerHTML = data[i].column name 3;

}

};

request.send();

</script>

Remove XML\_application wala line from sourcepackages mai facadeREST.java

Save and run

**Unity**

GP UFO-

Make a new folder sprites -

Drag drop the images

Main camera mai jaake do the size 16.5

projection orthographic

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Drag and drop background

BACKGROUND -

Background ke inspector mai jaake sorting layer mai add 3 layers background, pickup, player and

Add tag pickup all together to minimize time.

Background ke inspector mai set sorting layer as background.

Now drag and drop ufo image in sample scene. And add the sorting layer as player.

1)Add component box collider -

size: x-31.79 y-4

Offset: x-0 y-14

2)Add component box collider -

size: x-31.79 y-4

Offset: x-0 y- -14

3)Add component box collider -

size: x-31.79 y-4

Offset: x-14 y-0

4)Add component box collider -

size: x-31.79 y-4

Offset: x- -14 y-0

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PLAYER INSPECTOR-

Scale: X-0.75, Y-0.75 , Z-1

Add component rigidbody2d

Gravity-0

Add component circle collider2D

Radius - 2.15

Add component script -

playercontroller

Speed - 10

Add the code for the same

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Now drag and drop pickup in sample scene

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PICKUP INSPECTOR -

Tag: Pickup

Give position as 5(anything until it's visible)

Add component circle collider2D-

IsTrigger: on

Radius: 0.94

Add component script rotator-

Add the code

Now copy pickup multiple times in sample space( Ctrl+D) and change the positions (or drag them by middle mouse button.)

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Now right click on sample scene blank space and add ui-text

Double click on text and then drag and drop waghera karlo text ko

Anchor ke upar hi target jesa box h usme jaake ek bottom-left wala alt dabake click Karo .

Change the name as count and text as Count too. Increase the font size waghera accordingly.

Now make another ui-text same way and give the name as WIN TEXT.

Same way target mai jaake put win in the center

And for now uncheck the text in win.

Now in player inspector put the win text and count text in player controller from drag and drop from the canvas we made now.

Also agar wintext ka nahi aaya toh go in the playercontroller ka code and change the count according to your pickups added.

Main camera ke inspector mai jaake add component new script and usme add cameracontroller aur fir uska code

Drag and drop player in camera controller ke inspector game object