

HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY, PATAN
B.C.A. Semester – V
BCA 506 - .NET Frame Work Using C#

University Examination Duration: 3 Hours (Per Batch)
(Practical List)

1. Write a Steps for configure IIS with Asp.Net.
2. Write an Asp.Net Program to print a Message on web form.
3. Write an Asp.Net Program to Create Simple Web Application using two or more web form.
4. Write an Asp.Net Program to set a link for new Page.
5. Write an Asp.Net program using different namespaces.
6. Write an Asp.Net Program to demonstrate different common Control.
7. Write an Asp.Net Program to demonstrate Request, Response and Server Object.
8. Write a program using delegation in which addition and subtraction of two integer value Possible.
9. Write an Asp.Net program using while or for loop to print sum of first 100 Odd and Even Numbers.
10. Write an Asp.Net Program to add the value of Text Box in to Dropdown List and List box Controls.
11. Write an Asp.Net Program to Delete Items from Dropdown list and List box.
12. Write an Asp.Net Program to set Image on Image Control according to selection of image name from dropdown list.
13. Write an Asp.Net Program to demonstrate use of Master Page using Themes.
14. Write an Asp.Net Program to perform Insert and update operation in Database.
15. Write an Asp.Net program to perform Search and Delete operation in Database.
16. Write an Asp.net program to display the records from database using Data Reader Object.
17. Write an Asp.Net Program to demonstrate the various methods of Dataset Object.
18. Write an Asp.Net Program to demonstrate Login Page using Database.

Practical :- 1

* Write a Steps For Configure IIS With ASP.NET.

- Install IIS window XP Professional

Step 1:- click on Start button & select Setting them select control panel.

Step 2:- choose add or remove program.

Step 3:- click on add remove window component.

Step 4:- It will open window wizard component.

Step 5:- click on check box with internet information service [IIS] & click on next button.

Step 6:- This wizard ask for insert window xp.

Step 7:- click on the finish button to ~~finish button~~ to installation of IIS on the system.

Practical :- 2

* Write an ASP.NET Program to Print a message on Web Form.

- Control Properties:-

Name
=

Button1

Text
=

ShowMsg

- Coding:-

```
Protected void Button1_Click(object  
    sender, EventArgs e)
```

{

```
    Response.Write("Hello...Welcome");  
}
```

output:- 2

Hello... Welcome

Show msg

Practical:- 3

* Write an ASP.NET program to create simple web application using two or more web forms.

- Control Properties:-

Name	Text	Textmode
label1	Enter ID	-
TextBox1	-	Multiple
TextBox2	-	Password
Button1	Login	-
label2	Enter Password	-

- Coding:-

Protected void button1_Click (object sender,
EventArgs e)

{

```
if (TextBox1.Text == "Pufu@gmail.com")  
    && TextBox2.Text == "12345")
```

{

```
    Response.Redirect ("Home.aspx");
```

```
y  
else
```

{

```
y  
    Response.Write ("invalid ID & Password");
```

y

Output:- 3

LogIn.aspx

Entered ID :- Putu@gmail.com

Entered Password :- **** *

Login

Home.aspx

Thanks For loggingin

Practical :- 4

* Write an ASP.NET Program to set a link for new Page.

- Control Properties :-

Name =

linkbutton1
label1

Text =

click to new Page.
welcome on the new Page

- Coding :-

```
Protected void linkbutton1_Click (object
    sender, EventArgs e)
```

```
{  
    linkbutton1.PostBackUrl = "~/webForm1.aspx";  
}
```

y

Output:- 4

Default.aspx

click to new Page

WelcomeWebForm1.aspx

Welcome on the new Page

Practical :- 5

* Write an ASP.NET program using different namespaces.

- First add a class file:-

Step 1 :- select in Solution bat.



Step 2 :- Add new item



Step 3 :- Name = simplehm.cs



Step 4 :- Add

- Coding :-

Simplehm.cs :-

```
public class simplehm
{
```

```
    public string simplehmclsfun()
```

```
        return "<b>welcome to your simplehm  
class.message return From simplehm  
clsfun() Function<b>" + "<b>/</b>";
```

y

```
y  
namespace basicalc
{
```

```
    public class msgclass
```

{

```
        public static string msgfun()
```

{

return " return From msgFunc()
 " + "/";

{}

{}

Public class calc
 {

 Public static int sum (int val1, int val2)
 {

 int getval1, getval2, sum;
 getval1 = val1;
 getval2 = val2;
 sum = getval1 + getval2;
 return sum;

{}

 Public static int sub (int val1, int val2)
 {

 int getval1, getval2, sub;
 getval1 = val1;
 getval2 = val2;
 sub = getval1 - getval2;
 return sub;

{}

{}

Default.aspx.cs:-

Using basiccalc;

 Public void Page_Load (Object sender, EventArgs e)

{}

 SimpleHtm1 clsmobj = new SimpleHtm1();
 string clsmsg = clsmobj.SimpleHtm1
 Func();

 Response.Write (clsmsg);

String getmsg = msgclass.msgFun();
RESPONSE.write(getmsg);

int val1=50, val2=2;
RESPONSE.write("value of val1 is:" +
val1 + ", value of val2 is:" + val2 +"

");

namespace int sum=calc.sum(val1,
val2);

int sub=calc.sub(val1, val2);
RESPONSE.write("sum is:" + sum +"

");

RESPONSE.write("sub is:" + sub +"

");

y

Output:- 5

Welcome to your simple class
Message fetch from simpleclsfuh()
Function fetch from msgfuh()
Value of val1 is 50, value of val2
is 2

Sum is : 52

Sub is : 48

Practical :- 6

* Write an ASP.NET program to demonstrate different common control.

- Control Property :-

Name

Text

label1

Fname

label2

Lname

label3

city

label4

Gender

label5

Hobby

lbltes

-

TxtFname

-

TxtLname

Button1

Submit

dropdownlist

-

RadioListbox

Checklist

- Coding :-

Public Partial class Default :

{

String a = " ";

Protected void Page Load (object sender,
EventArgs e)

{

lbltes.Visible = False;

y

Protected void Button1_Click (object sender, EventArgs e)

{

lblres.Visible = True;

lblres.Text = "First name :" + TxtFname.
Text + "</br> last name :" + TxtLname.
Text + "</br> city :" + dropdownlist1.
SelectedValue + "</br> gender :" +
radiobuttonlist.SelectedValue + "
</br> hobby :" + a;

y

Protected void checklist_SelectedIndexChanged
changed (object sender, EventArgs e)

{

For (int i=0; i < checklist.Items[i].
Selected == True)

{

a = a + checklist.Items[i].Text +
";";

y

y

Output:- 6

Fname : Pusushottam

Lname : Sihgh

city : HMT

Gehdes : Male

Hobby : Music

Dancing

Sport

Drama

Submit

Fist name :- Pusushottam

Last name :- Sihgh

city :- HMT

Gehdes :- Male

Hobby :- Music, Sport

Practical :- 7

* Write an ASP.NET program to demonstrate request, response & server object.

- Control Property:-

Name
=

label1

label2

TextBox1.Text

TextBox2.Text

button1

button2

button3

button4

Text
=

Name

E-Mail

-

-

Request

Server

Write

Redirect

- Coding:-

Protected void button4_Click(object sender,
EventArgs e)

{

 response.Redirect("~/WebForm1.aspx.
 "+TextBox1.Text);

}

Protected void button3_Click(object sender,
EventArgs e)

{

 response.Write("Text Form Write");

}

Protected void button2_Click(object sender,
EventArgs e)

{

if (IsString.IsNullOrEmptly (TextBox1.Text)) {

{

label.Text = "Welcome," +
 Server.HtmlEncode (TextBox1.Text) +
 "
 /> The val is " + Server.
 HtmlEncode (Request.Url.ToString
 ());

}

y

- Web Form1.aspx:-

Protected void button1_Click (Object sender,
 EventArgs e)

{

{

if (Request["val"] != null)

{

TextBox3.Text = Request["val"].
 ToString();

}

y

y

Output :-

Name :- Purn Singh

Email :- Purn@gmail.com

Response :- Redirect

Serves

Website

WEBFORM1.ASPX

Welcome Page

Request

Request

Pfactical :- 8

- * U.A.P. using delegation in which addition & subtraction of two integers value possible.

- Coding:-

delegate int asithm (int x, int y)

Public partial class P-8

{

 Static int addition (int x, int y)

{

 return x + y;

}

 Static int Subtraction (int x, int y)

{

 return x - y;

}

 static int dooperation (int x, int y)

 asithm delobj)

{

 int result = delobj (x, y)

 return result;

}

 Protected void Page_Load (object sender, EventArgs e)

{

 int a = 25, b = 2;

 Response.Write ("Value of A is :" + a + ",
 Value of B is :" + b + "
");

 Response.Write ("Addition :" +
 dooperation (a, b, addition) + "

");

RESPONSE. Write ("Subtraction": "+
do operation (a, b ; Subtraction)
+ "b">");

y

y

output:- 8

Value of A : 25

Value of B : 2

Addition = 27

Subtraction = 23

Pfactical :- q

* Write an ASP.NET Program using While or For loop to print sum of First 100 odd & Even numbers.

- Control Property :-

Name
=

Text
=

Button1

calculate

TextBox1

TextBox2

- Coding :-

Protected void Button1_Click (object sender,
EventArgs e)

{

int i, s = 0, e = 0, oh, eh;

For (i = 1, oh = 1, eh = 2; i <= 100; +i,
oh = oh + 2, eh = eh + 2)

{

s = s + oh;

e = e + eh;

y

TextBox1.Text = Convert.ToString (s);

TextBox2.Text = Convert.ToString (e);

y

Output:- 9

=====

for 97

97	total 100
odd No.	10,000
Even No.	10,100
calculate	

Pfactical:- 10

* Write an ASP.NET Program to add the value of text box in to dropdown list & list box controls.

- Control Properties:-

Name

Text

label1

Enter value

textbox1

-

dropdownlist

listbox

Button1

Add to dropdown

Button2

Add to listbox

- Coding:-

```
protected void Button1_Click(object sender,
Eventargs e)
```

{

```
    dropdownlist1.item.add (textbox1.Text);
```

}

```
protected void Button2_Click(object sender,
Eventargs e)
```

{

```
    listbox1.item.add (textbox1.Text);
```

}

Output:- 10

=====

Enter value :

①

Add To dropdown

Add To listbox

10	▼	6
20	▼	7
30		
①		▼

10	▼	6
20	▼	7
30		
①		▼

Practical:- 11

* Write an ASP.NET program to delete items from dropdown list & list box.

- Control Property:-

Name

Text

Button1

Add to dropdown

Button2

click to remove from dropdown

Button3

Add to listbox

Button4

click to remove from listbox

label1

Enter value

Textbox

-

- Coding:-

```
Protected void Button1_Click(object sender,
Eventargs e)
{
```

```
    dropdownlist1.Items.Add(Textbox1.Text);
}
```

```
Protected void Button2_Click(object sender,
Eventargs e)
{
```

```
    listbox1.Items.Add(Textbox1.Text);
}
```

```
Protected void Button3_Click(object sender,
Eventargs e)
{
```

```
    dropdownlist1.Items.Remove(dropdownlist1.
Selected item);
}
```

Protected void Button4_Click (object sender,
EventArgs e)

{

y

listbox1.Items.Remove (listbox1.
SelectedItem);

Output:- II

Enters value :

Add To dropdown

10



click To remove From dropdown

Add To listbox

10



20

30

40

50



click To remove From listbox

Practical :- 12

* Write an ASP.NET Program to set image on image control according to selection of image name from dropdown list.

- Control Property :-

Name
=

label1
dropdownlist1
imagecontrol

Text
=

list of image

- Coding :-

```
Protected void dropdownlist_SelectedIndexChanged(object sender,
                                             EventArgs e)
```

{

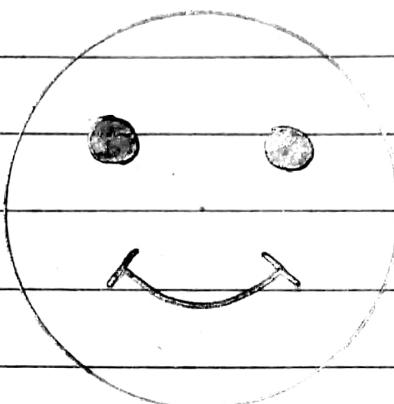
```
    image1.ImageUrl = dropdownlist1.
                      SelectedItem.Text;
```

}

Output:- 12

List of images :-

3.JPG



PRACTICAL :- 13

* write an ASP.NET program to demonstrate the use of master page using themes.

- Step 1:- Right click on your website.

Step 2:- Select add ASP.NET Folder.

Step 3:- click on theme now APP.theme Folder is created.

Step 4:- Now right click on APP.theme Folder & select Add New item.

Step 5:- Double click on CSS File & write:-

Body

{

background-color: orange;

}

h1

{

Font-size: 25px;

color: Blue;

}

P

{

background-color: Blue;

Font Family: Arial;

Font-size: 20px.

}

Step 6:- Now add a skin file for giving style to the server controls.

Right click on APP.theme Folder & select add new item.

Step 7:- Here you can see add new items window select skin file, give the name & click on add button your skin file is created.

Step 8:- Now double click on skin file & write the code below.

Step 9:- Open Source view of your .ASPX file & write the code below or put textbox, dropdownlist & label control in the web form.

Step 10:- Now open web.config file & replace <Pages> with <Pages theme = "blue">

If you have created more than one theme than just replace the theme name in web config.

Open your website the theme will interact with your web page & it's server control.

Output :- 13

Master Page with Theme

Label control in Master Page

Theme Example

Welcome

label label

Demonstration of Master Page with Theme

Practical:- 14

* Write an ASP.NET program to perform insert & update operation in database.

- Following steps to Create Database:-

Step 1 :- click Solution Explorer bat.

Step 2 :- Right click Path & add new item.

Step 3 :- Select "SQL Database" From dialog box.

Step 4 :- Give suitable Name & save with .mdf.

Step 5 :- Allow it to create database in app data directory.

Step 6 :- Now right click on database name in Server Explorer bat & select "new table" From pop-up.

Step 7 :- Create two Field as Following.

<u>Field Name</u>	<u>Data Type</u>	<u>Size</u>
Name	Varchar	25
Number	Numeric	10

Step 8 :- And Save it.

- Coding :-

```
using System.Data.SqlClient;
using System.Data;
```

```
Public Partial class P14 : System.Web.UI.Page
{
```

```
    SQLConnection coh = new SQLConnection(""
        Data Source = "SQLExpress", attached FileName =
        "D:\P14\AP.datallusers.mdf", integrated
        Security = True; User instance = True");
```

```
Protected void Page_Load (object sender,
                           EventArgs e)
```

```
{}
    TextBox1.Text = "";
    TextBox2.Text = "";
}
```

```
Protected void B1_Click (object sender,
                           EventArgs e)
```

```
{}
    coh.Open();
    string Stb = "insert contact value"
        (" + TextBox1.Text ", "+ TextBox2.
        Text);
    SqlCommand Cmd = new SqlCommand
        (Stb, coh);
    coh.Close();
}
```

```
Protected void B2_Click (object sender,
                           EventArgs e)
```

```
{}
    coh.Open();
```

String Sts = "update contact" + Name:
Text1.text", "Number:" +
Textbox2.text;
Where Name = " " + Textbox1.text

of

Number = " " + Textbox2.text);
SQL-Command Cmd = new SqlCommand
(Sts, coh);

Cmd.ExecuteNonQuery();
coh.Close();

y

}

Output:- 14

Contact_Block

Name :

Number:

Insert

Pfactical :- 25

* Write an ASP.NET program to perform search & delete operation in database.

- coding :-

```
using System.Data.SqlClient;
using System.Data;
```

```
Public Partial class P14 : System.Web.UI.Page
```

```
{  
    SQLConnection coh = new SqlConnection("D:\IP14");
```

```
    Protected void B1_Click(object sender,  
                           EventArgs e)
```

```
{
```

```
    coh.Open();
```

```
    string Find = T1.Text;
```

```
    SQLCommand cmd = new SqlCommand  
        ("select * From Contact Where  
        Name = " + Find + " or Number = " + Find +  
        " " + coh);
```

```
    SQLDataAdapter DA = new SqlDataAdapter  
        (cmd);
```

```
    dataset DS = new dataset();  
    DA.Fill(DS);
```

```
    a1.DataSource = DS.Tables[0];
```

```
    a1.DataBind();
```

```
    coh.Close();
```

```
}
```

```
Protected void B2_Click(object sender,  
                           EventArgs e)
```

{

```
coh.open();
```

```
String stt = "delete from contact  
where numbers = (" + T2.text + ");  
SQLCommand cmd = new SQLCommand  
(stt, cmd);
```

```
cmd.ExecuteNonQuery();
```

```
coh.Close();
```

y

y

Output:- 15

<input type="text"/>	Search
<input type="text"/>	
Enter No. :-	<input type="text"/>
<input type="text"/>	Delete

Pfactical:- 16

* Write an ASP.NET program to display the records from database using data reader object.

- Coding:-

```
using System.Data.SqlClient;
using System.Data;
```

```
Public Partial class P14 : System.Web.UI.Page
```

```
{
```

```
SQLConnection coh = new SQLConnection
("D:\|P14");
```

```
Protected void B1_Click (Object sender,
EventArgs e)
```

```
{
```

```
SQLCommand cmd = new SQLCommand
("Select * From Contact", coh);
```

```
.coh.open();
```

```
SQLDataReader DR = cmd.ExecuteReader();
```

```
giveview1.DataSource = DR;
```

```
giveview1.DataBind();
```

```
coh.Close();
```

```
}
```

```
y
```

Output:- 16

		<p>view</p>	
		<p>16</p>	

Pfactical :- 17

* Write an ASP.NET Program to demonstrate the various methods of dataset object.

- coding:-

```
using System.Data.SqlClient;
using System.Data;
```

```
Public Partial class P17 : System.Web.UI.Page
```

{

```
SQLConnection coh = new SQLConnection
("D:\IP14");
```

```
coh.Open();
```

```
SQLCommand cmd = new SQLCommand(""
Select * From Contact", coh);
```

```
SQLDataAdapter DA = new SqlDataAdapter(cmd);
```

```
dataset DS = new dataset();
```

```
DA.Fill(DS);
```

```
at1.datasource = DS.table[0];
```

```
at1.databind();
```

```
coh.Close();
```

y

Output:- 17

View	
10	229451

Pfactical:- 18

* Write an ASP.NET Program to demonstrate login Page using database.

- Coding:-

```
using System.Data.SqlClient;
using System.Data;
```

```
Public Partial class login : System.Web.UI.Page
{
```

```
    SqlConnection coh = new SqlConnection("D:\\" + "login");
}
```

```
    Protected void B1_Click (object sender,
                           EventArgs e)
{
```

```
    coh.Open();
```

```
    SqlCommand cmd = new SqlCommand("Select ID, Password From login
                                     Where ID = " + T1.Text, Password =
                                     " + T2.Text);
```

```
    SQLDataReader DR;
```

```
    DR = cmd.ExecuteReader();
```

```
    DR.Read();
```

```
    if (DR.HasRows == True)
```

```
{
```

```
        Response.Redirect("Home.aspx");
```

```
    }
    else
```

```
{
```

```
        Response.Redirect("Not valid");
```

```
}
```

coh. close();

y

y

RE: A file

output :- 18

Login...

ID

Password

Login

New user... click here...