- colour :- text box will behave like a colorpicker control.

- Email :- user can be allowed to enter the data in the form of emailId only. so user will not be allowed to enter other than emailId form

- Datetime :- The textbox will accept the data in the form of date only. other than date user will not be allowed to enter the data

- number :- user can be allowed to enter only number data in textbox.

14. css class :- used to set or get a css class name within paranthasics internal using which we would like to apply required styles to the control.

25/7/23

+ working with command event with button control:-

- Command Event is similar to click event but will provide additional properties with its associated class command event Args.

properties are :-

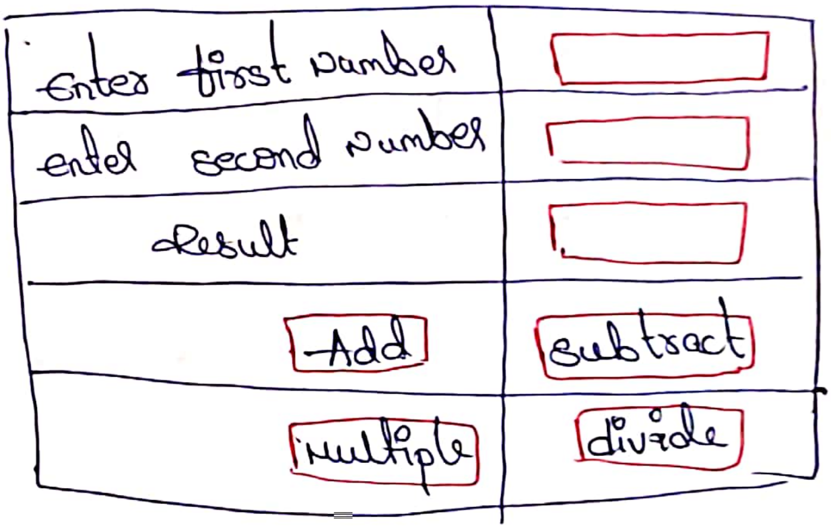
1. command Argument
2. command name

- command Argument This property is used to pass any value to the server Method when ~~used~~ user click on the button

- command name :- This property is used to identify from which control event is raised when same method is called from multiple button command Event

Datatype of this property is string.

- Example to work with commandname and commandEvent.



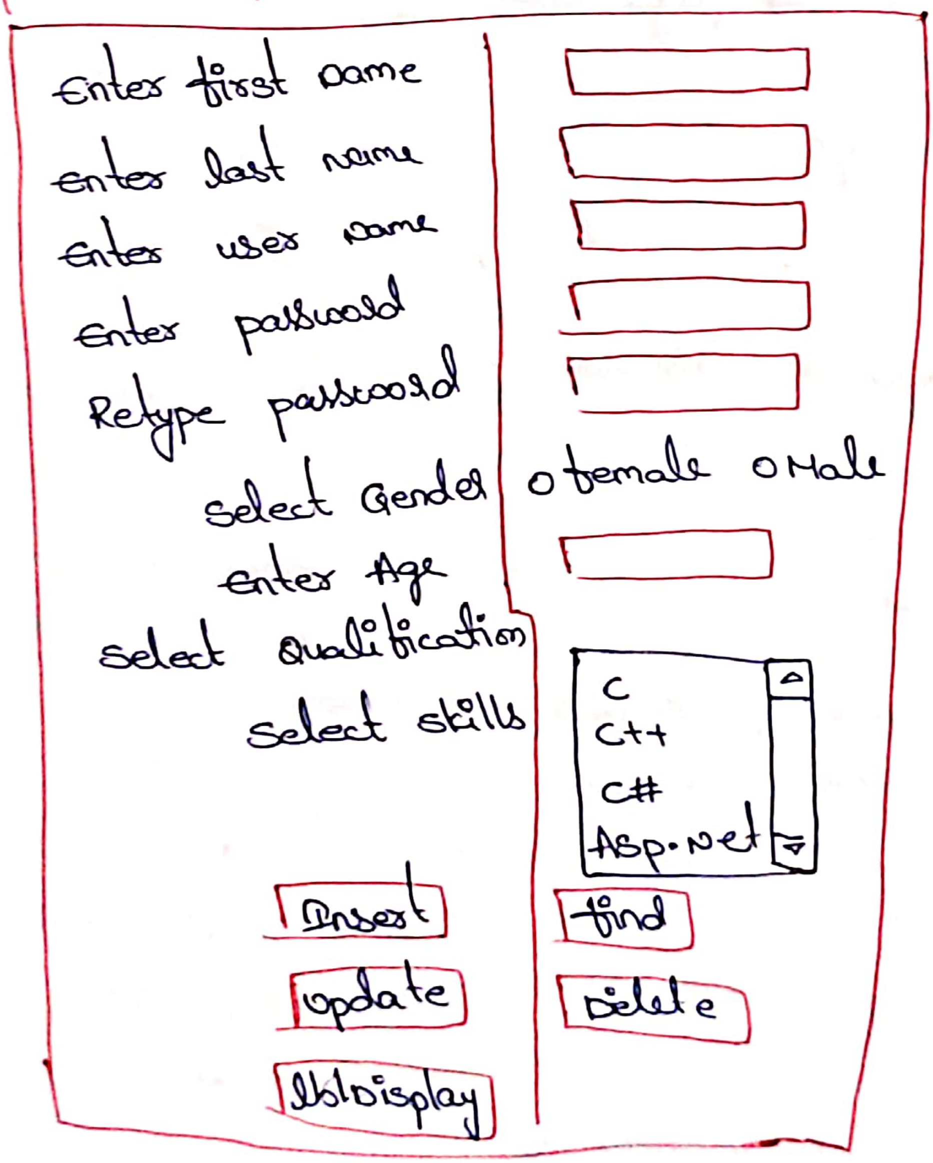
- create a new webpage design the webpage then set commandname property for all button like

btn Add -> Add
btn subtract -> subtract
btn multiply -> multiply
btn divide -> divide

- take call calculate method from command Event of all button ~~Methods~~ control. write following code.

```
protected void calculate (object sender, commandeventArgs e)
{
int num1, num2, Result = 0;
num1 = convert.ToInt32 (txtnum1.Text);
num2 = convert.ToInt32 (txtnum2.Text);
if (e.commandName.equals ("Add"))
    Result = num1 + num2;
else if (e.command Name.equals("subtract"))
        Result = Num1 - Num2;
else if (e.command Name.equals("Multiply")).
        Result = Num1 * Num2;
else if (e.command Name.equals("divide"))
        Result= Num1 / Num2;
  txt Result.Text = Result.ToString();
}.
```

* Example to implement crud operation in Asp.net.



- create a new webpage. design the webpage.
- then for radio buttons set group name property as gender add required items in combobox and list box control

write the following code.

```
public partial class sample3: system.web.UI.page
{
sqlconnection con; sqlcommand cmd; sqlDataReader DR;
protected void page-Load (object sender, eventArgs e)
{
 string sqlconstring=" ";
 con= new sql connection (sqlconstring);
}
protected void btnInsert-click(object sender, eventArgs e)
{
 string gender=" ";
 string query= "Insert into users value(@p1,@p2,@p3,@p4.@p5,
                        @p6,@p7,@p8)
  cmd= new sql command (query,con);
   cmd.commandType = commandType.Text;
   cmd.parameters.Addwithvalue("@p1", txtFName.Text).
   cmd.parameters.Addwithvalue("@p2", txtLName.Text).
  cmd.parameters.Add withvalue ("@p3", txt UName.Text);
  cmd.parameters.Add withvalue.("@p4", txt password.Text);
    if(optMale.checked)
        Gender =optMale.Text;
    if (optfemale.checked)
        Gender = optfemale.Text;
```

```
cmd. palameter. Addwithvalue ("@p5", Gender);
cmd. palameter. Add withvalue ("@p6" txtAge.Text);
cmd. palameter .Add with value("@p7", cmbQualification.selectd
cmd. palameter. Add with value("@p8", txt skill.selected value);

   con.open();
  int  Rows = cmd. Execute NonQuery();
  con . close();
  Lbl Display. Text  = Rows+ "Record(s) Inserted";
}
protectedvoid btn find_click (object sender, EventArgs e)
{
 string Query = "select * from users where userName=@p1";
  cmd = new Sql command (Query, con);
  cmd. command Type = commandType.Text;
  cmd. parameters. Addwithvalue (@p1' txtName.Text);
   con. open();
   DR=cmd. ExecuteReader();
   string Gender = "";
   if (DR. Read())
   {
    txtfName.Text= DR[0].Tostring();
    txt L Name .Text = DR[1].Tostring();
    txt password .Text =DR[3].Tostring();
    Gender = DR[4].Tostring();
    if (Gender. Equals ('Male'))
       optMale. checked = true;
    if (Gender . Equals ("female"),
       optfemale . checked = true;
txtAge.Text= DR[5].Tostring();
cmbQualification.selectected value =DR[6].Tostring ();
lstskill. selected value = DR[7]. Tostring();
}
else
  lblDisplay.Text ="user not found";
   con.close();
 }
```

⇒ validation controls in Asp.net;-

- validation controls are used to implement client side validation like user enter data are not. Data is within the required format or not etc.

- Every validation control will run at server side at first request of the client. then it Generate appropriate HTML, css, Javascript code and send will be sent to client, at client side. the respective javascript code will perform the respective validation.

- if all the validation controls within the webpage return true then only the page request will be submited to the server.

- if any single validation control return false then page request will not be submited to the server usually every validation will control return true or false to the webpage.

Type of validation control.

1) Required feild validation.

2) ·Regular Expression validator

3) compare validator

4) Range validator

5) custom validator

6) validation summary

— Required feild validator :-

This control is used to check whether user entered the data with in control or not.

property with required feild validator.

- control Tovalidate
- Error Message
- set focus on error — ~~false~~ true
  → false
- Text
- validationgroup.