

.NET Practical Assignment

Practical Assignment 1

Q1. Write C# program to demonstrate Datatypes and its size

```
using System;
namespace C__Programing
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("DataTypes And It's Size");
            Console.Write("int : "); //Size of integer
            Console.Write(sizeof(int));
            Console.Write("\nfloat : "); //Size of float
            Console.Write(sizeof(float));
            Console.Write("\ndobble : "); //Size of dobbble
            Console.Write(sizeof(double));
            Console.Write("\nchar : "); //Size of char
            Console.Write(sizeof(char));
            Console.Write("\nbool : "); //Size of bool
            Console.Write(sizeof(bool));
        }
    }
}
```

DataTypes And It's Size

int : 4

float : 4

dobble : 8

char : 2

bool : 1

Q2. Write object oriented program & create methods to determine entered no in prime or not.

```
using System;
namespace C__Programing
{
    class Program
    {
        static void Main(string[] args)
        {
            int number;
            int counter = 0;
            Console.Write("Enter Any Number : ");
            number = int.Parse(Console.ReadLine());
            if (number == 0 || number == 1)
                Console.WriteLine(number + " is Not Prime Number");
            else
            {
                for (int i = 2; i < number/2; i++)
                    if (number % i != 0)
                    {
                        Console.WriteLine(number + " is Not Prime");
                        counter++;
                        break;
                    }
                if (counter == 0)
                    Console.WriteLine(number + " is Prime Number");
            }
        }
    }
}
```

Enter Any Number : 33
33 is Not Prime

Q3. Write a program to display factorial of 1 to 10 numbers.

```
using System;
namespace C__Programing
{
    class chakeFactorial
    {
        public void Factorial(int num)
        {
            int temp,
                ans = 1;
            temp = num;
            for (int i = 1; i <= num; i++)
            {
                ans = ans * i;
            }
            Console.WriteLine("Factorial of " + temp + " is " + ans);
        }
    }
    class Program
    {
        public static void Main(string[] args)
        {
            chakeFactorial fact = new chakeFactorial();
            for (int i = 1; i <= 10; i++)
                fact.Factorial(i);
        }
    }
}
```

```
Factorial of 1 is 1
Factorial of 2 is 2
Factorial of 3 is 6
Factorial of 4 is 24
Factorial of 5 is 120
Factorial of 6 is 720
Factorial of 7 is 5040
Factorial of 8 is 40320
Factorial of 9 is 362880
Factorial of 10 is 3628800
```

Q4. Write a program to swap two char using pass by reference.

```
using System;
namespace C__Programing
{
    class SwapChar
    {
        public void Swap(ref char a, ref char b)
        {
            char temp;
            temp = a;
            a = b;
            b = temp;
        }
    }
    class Program
    {
        public static void Main(string[] args)
        {
            char x,y;
            SwapChar swp = new SwapChar();
            Console.Write("Char x : ");
            x = char.Parse(Console.ReadLine());
            Console.Write("Char y : ");
            y = char.Parse(Console.ReadLine());
            Console.WriteLine("\nBefor Swaping");
            Console.WriteLine("x : " + x);
            Console.WriteLine("y : " + y);
            swp.Swap(ref x, ref y);
            Console.WriteLine("After Swaping");
            Console.WriteLine("x : " + x);
            Console.WriteLine("y : " + y);
        }
    }
}
```

```
Char x : a
Char y : b
Befor Swaping
x : a
y : b
After Swaping
x : b
y : a
```

Q5. Write a program to display greater number between 3 numbers.

```
using System;
namespace C__Programing
{
    class Program
    {
        public static void Main(string[] args)
        {
            int a,b,c;
            Console.WriteLine("Enter Any Three Number : ");
            a = int.Parse(Console.ReadLine());
            b = int.Parse(Console.ReadLine());
            c = int.Parse(Console.ReadLine());
            Console.Write("Greater Number : ");
            if (a < b && b < c)
                Console.WriteLine(c);
            else if (a < b && c < b)
                Console.WriteLine(b);
            else
                Console.WriteLine(a);
        }
    }
}
```

Enter Any Three Number :

22

33

11

Greater Number : 33

Q6. Write a program to enter number and display square, cube of number using out parameter.

```
using System;
namespace C__Programing
{
    class Calculation
    {
        public int Cals(int num, out int square, out int cube)
        {
            square = num * num;
            cube = square * num;
            return 0;
        }
    }
    class Program
    {
        static void Main(string[] args)
        {
            int number,square,cube;
            Console.Write("Enter Any Number : ");
            number = int.Parse(Console.ReadLine());
            Calculation cl = new Calculation();
            cl.Cals(number, out square, out cube);
            Console.Write("Square of " + number + " : " + square);
            Console.Write("\nCube of " + number + " : " + cube);
        }
    }
}
```

Enter Any Number : 3

Square of 3 : 9

Cube of 3 : 27

Q7. Write a program to create DLL :accept student name and marks of 5 subject, implement DLL in another class to display students grade.

- DLL File

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
namespace FunctionDLL
{
    public static class StuData
    {
        public static void DisplayName(string stuname)
        {
            Console.WriteLine("Student Name : " + stuname);
        }
        public static void DisplayGrade(int marks)
        {
            int totalmarks = 500;
            int percentage;
            percentage = (marks * 100) / totalmarks;
            if (percentage > 90)
                Console.WriteLine("Student Grade : A+");
            else if (percentage > 80)
                Console.WriteLine("Student Grade : A");
            else if (percentage > 70)
                Console.WriteLine("Student Grade : B+");
            else if (percentage > 60)
                Console.WriteLine("Student Grade : C");
            else if (percentage > 50)
                Console.WriteLine("Student Grade : C+");
            else if (percentage > 40)
                Console.WriteLine("Student Grade : C");
            else if (percentage > 35)
                Console.WriteLine("Student Grade : D");
            else
                Console.WriteLine("Student Grade : F");
        }
    }
}
```

- Code File

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using FunctionDLL;

namespace Grades
{
    class Program
    {
        static void Main(string[] args)
        {
            string name;
            int[] marks = new int[5];
            int sum = 0;
            Console.WriteLine("Enter Your Name : ");
            name = Console.ReadLine();
            Console.WriteLine("Enter 5 Subject Marks : ");
            for (int i = 0; i < 5; i++)
            {
                marks[i] = int.Parse(Console.ReadLine());
                sum = sum + marks[i];
            }
            Console.WriteLine("-----");
            Console.WriteLine("Result");
            Console.WriteLine("-----");
            StuData.DisplayName(name);
            StuData.DisplayGrade(sum);
            Console.WriteLine("-----");
            Console.ReadKey();
        }
    }
}
```

Enter Your Name : Soham Ganmote

Enter 5 Subject Marks :

100 100 100 100 100

Result

Student Name : Soham Ganmote

Student Grade : A+

Q8. Implement Partial class to create employee payslip.

- Code 1

```
using System;
namespace PartialClass
{
    public partial class Employee
    {
        double baseSalary;
        public void GetBaseSalary()
        {
            Console.WriteLine("Enter Your Salary : ");
            baseSalary = double.Parse(Console.ReadLine());
        }
    }
}
```

- Code 2

```
using System;
namespace PartialClass
{
    public partial class Employee
    {
        double ta, da, hra, gs;
        public void GetPayDetails()
        {
            ta = baseSalary * 0.20;
            da = baseSalary * 0.10;
            hra = baseSalary * 0.30;
            gs = ta + da + hra + baseSalary;
            Console.WriteLine("Travlling Allowance : " + ta);
            Console.WriteLine("Dearness Allowance : " + da);
            Console.WriteLine("House Rent Allowance : " + hra);
            Console.WriteLine("Gross Salary : " + gs);
        }
    }
}
```

- **Code 3**

```
using System;
using PartialClass;

namespace C__Programing
{
    class Program
    {
        string EmpName;

        void GetEmpName()
        {
            Console.WriteLine("Enter Employee Name : ");
            EmpName = Console.ReadLine();
        }

        static void Main(string[] args)
        {
            Program main = new Program();
            main.GetEmpName();
            Employee obj = new Employee();
            obj.GetBaseSalary();
            obj.GetPayDetails();
        }
    }
}
```

```
Enter Employee Name : Soham Ganmote
Enter Your Salary : 50000
Travlling Allowance : 10000
Dearness Allowance : 5000
House Rent Allowance : 15000
Gross Salary : 80000
```

Practical Assignment 2

Q9. Create web pages using server controls- Textbox, List Controls, Calender, Imagebutton, Linkbutton.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace Qetion1
{
    public partial class RemeningStuff : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            foreach(ListItem li in ListBox1.Items)
            {
                ListBox2.Items.Add(li);
            }
            ListBox1.Items.Clear();
        }
        protected void Button2_Click(object sender, EventArgs e)
        {
            foreach (ListItem li in ListBox2.Items)
            {
                ListBox1.Items.Add(li);
            }
            ListBox2.Items.Clear();
        }
        protected void Calendar1_SelectionChanged(object sender, EventArgs e)
        {
            TextBox1.Text = Calendar1.SelectedDate.ToString("D");
        }
    }
}
```

Login Page

Select Your Birth Date

June 2022						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3
4	5	6	7	8	9	10

Thursday, 23 June, 2022

Add Your Favorite Programming Languages

ASP.NET
HTML
CSS
JS
jQuery
C
C#
C++

Add To Favorite

Remove From Favorite

Back To Login Page



Q10. Develop web page to display logged in time and current time.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Qution2
{
    public partial class LoginTime : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                TextBox1.Text = DateTime.Now.ToString();
                TextBox2.Text = DateTime.Now.ToString();
            }
        }
    }
}
```

Current Time And Login Time

Login Time

Current Time

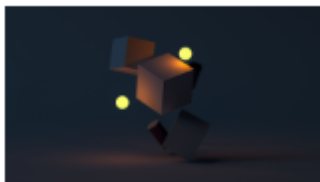
Q11. Develop ASP.Net Application through which user upload Image and that Image should be displayed in Image Control.

```
using System;
using System.IO;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Qution3
{
    public partial class imagecontrol : System.Web.UI.Page
    {
        protected void UploadFile(object sender, EventArgs e)
        {
            string folderPath = Server.MapPath("~/Images/");
            FileUpload1.SaveAs(folderPath + Path.GetFileName(
                FileUpload1.FileName));
            Image1.ImageUrl = "~/Images/" + Path.GetFileName(
                FileUpload1.FileName);

            float x = FileUpload1.FileBytes.Length;
            float sizekb = x / 1024;
            string sizeKB = sizekb.ToString("0.00");
            string sizeMB = (sizekb / 1024.00).ToString("0.00");
            TextBox1.Text = sizeKB.ToString();
            TextBox2.Text = sizeMB.ToString();
        }
    }
}
```

Uplode Image And Display



No file chosen

File Information

File Size in KB	<input type="text" value="1837.17"/>
File Size in MB	<input type="text" value="1.79"/>

Q12. Write a program to create a web page showing use of following validation controls

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Qution4
{
    public partial class ValidationControls : System.Web.UI.Page
    {
        protected void CustomValidator1_ServerValidate(object source,
            ServerValidateEventArgs args)
        {
            int len = args.Value.Length;
            if (len >= 5 && len <= 8)
                args.IsValid = true;
            else
                args.IsValid = false;
        }
    }
}
```

a. Required field validator

Required Field Validator

Enter Name

Required Field Validator

Enter Name **Enter Name First**

b. Range validator

Range Validator

Enter Age

Range Validator

Enter Age **Range Shoud Be Between 18-40**

c. Compare validator

Compare Validator

Enter Roll No

Compare Validator

Enter Roll No **Value Does not match**

d. Custom validator

Custom Validator

Enter Password

Custom Validator

Enter Password **Invalid Password**

e. Regular expression validator

Regular Expression Validator

Enter Email

Regular Expression Validator

Enter Email

Enter Valid Emil

f. Validation summary

Validation Summary

- Enter Name First
- Range Shoud Be Between 18-40
- Value Does not match
- Enter Valid Emil

Practical Assignment 3

Q14.a web page passing multiple values between asp.net pages (Implement state management)

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Qution14
{
    public partial class WebForm2 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            TextBox name = (TextBox)PreviousPage.FindControl("TextBox1");
            Response.Write("Welcom " + name.Text);
        }
    }
}
```

Enter Username :

Enter Password :

Welcom Soham

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Question14
{
    public partial class WebForm3 : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            ViewState["name"] = TextBox1.Text;
            ViewState["fcode"] = TextBox2.Text;

            TextBox1.Text = "";
            TextBox2.Text = "";
        }
        protected void Button2_Click(object sender, EventArgs e)
        {
            Response.Write("Your Name is " + ViewState["name"] + ", and your  

            favorite programing language is " + ViewState["fcode"]);
        }
    }
}

```

Enter Name :

Enter Programing Language :

Your Name is Soham, and your favorite programing language is C

Enter Name :

Enter Programing Language :

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Qution14
{
    public partial class WebForm4 : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            HttpCookie cookie = new HttpCookie("Name_Cookie");
            cookie.Value = TextBox1.Text;
            cookie.Expires = DateTime.Now.AddSeconds(10);
            Response.Cookies.Add(cookie);

            Response.Redirect("WebForm5.aspx");
        }
    }
}
```

Enter your Name :

Soham

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Question14
{
    public partial class WebForm6 : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            HiddenField1.Value = TextBox1.Text;
        }

        protected void Button2_Click(object sender, EventArgs e)
        {
            Label1.Text = HiddenField1.Value;
        }
    }
}

```

Enter Name :

Enter Name :

Soham

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Quetion14
{
    public partial class WebForm7 : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            Session["name"] = TextBox1.Text;
            Session["city"] = TextBox2.Text;

            Response.Redirect("WebForm8.aspx");
        }
    }
}
```

Enter Name :

Enter City :

Hii Soham How's wether in Sangli

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Quetion14
{
    public partial class WebForm9 : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            Response.Write("The Number of online user : " +
                Application["user"].ToString());
        }
    }
}

protected void Application_Start(object sender, EventArgs e)
{
    Application["user"] = 0;
}

```

The Number of online user : 0

No of Visit

Q15. Write a program to create a web page showing use of response, redirect and server transfer1.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication15
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            Response.Redirect("https://www.github.com");
        }

        protected void Button2_Click(object sender, EventArgs e)
        {
            Server.Transfer("WebForm2.aspx");
        }
    }
}
```

Response.Redirect

Server.Transfer


Practical Assignment 4

Q16. Develop ASP.Net application for recording User Registration details using different controls & validators

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

namespace Qution16
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        string cs = @"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=F:\Programing Softwares\Programs
Practis Folder\C# Programing\Qution16\App_Data\Database1.mdf;Integrated
Security=True";

        protected void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection cn = new SqlConnection(cs);
            cn.Open();
            SqlCommand cmd = new SqlCommand("insert into userData (userID, email,
            password, phoneno) values (@user, @email, @pwd, @phno)", cn);
            cmd.Parameters.AddWithValue("@user", TextBox1.Text);
            cmd.Parameters.AddWithValue("@email", TextBox4.Text);
            cmd.Parameters.AddWithValue("@pwd", TextBox3.Text);
            cmd.Parameters.AddWithValue("@phno", TextBox5.Text);
            cmd.ExecuteNonQuery();
            Label1.Text = "Recode Inserted Successful";
            cmd.Dispose();
            cn.Close();
        }
    }
}
```

	Name	Data Type	Allow Nulls	Default
	userID	varchar(50)	<input type="checkbox"/>	
	email	varchar(50)	<input checked="" type="checkbox"/>	
	password	varchar(50)	<input checked="" type="checkbox"/>	
	phoneno	varchar(50)	<input checked="" type="checkbox"/>	
			<input type="checkbox"/>	

Registration Form

Username

Soham

Password

Confirm Password

Enter Email


sohamganmote@gmail.com

Enter Mobile No

9325293606

Register

Recode Inserted Successful


	userID	email	password	phoneno
	Soham	sohamganmot...	soham	9325293606
	NULL	NULL	NULL	NULL

Q17. Write a program to create a database for Medical shop system and represent data using Gridview.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;

namespace Qution17
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        string cs = @"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=F:\Programing Softwares\Programs
Practis Folder\C# Programing\Qution17\App_Data\Database1.mdf;Integrated
Security=True";

        protected void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection cn = new SqlConnection(cs);
            cn.Open();
            SqlCommand cmd = new SqlCommand("insert into medicin_Data values (@id,
            @med_name, @price, @category)", cn);
            cmd.Parameters.AddWithValue("@id", TextBox1.Text);
            cmd.Parameters.AddWithValue("@med_name", TextBox2.Text);
            cmd.Parameters.AddWithValue("@price", TextBox3.Text);
            cmd.Parameters.AddWithValue("@category", TextBox4.Text);
            cmd.ExecuteNonQuery();
            Label1.Text = "Medicin Added Successfully";
            cmd.Dispose();
            cn.Close();
            GridView1.DataBind();
        }
    }
}
```

	Name	Data Type	Allow Nulls
	Id	int	<input type="checkbox"/>
	med_name	nchar(10)	<input checked="" type="checkbox"/>
	price	nchar(10)	<input checked="" type="checkbox"/>
	category	nchar(10)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

Medicin ID :

Medicin Name :

Medicin Price :

Medicin Category :

Id	med_name	price	category
1	crocine	20	painkiller
2	paracetamol	10	fever
3	pan_D	40	antacid
4	combiplan	50	painkiller
5	gelusil	20	antacid
6	Vicks	1	cough

Q18. Using ADO.NET, create a student database and perform operations like-insert, update and delete records.

Insert Records-

```
protected void Button2_Click(object sender, EventArgs e)
{
    SqlConnection cn = new SqlConnection(cs);
    cn.Open();
    SqlCommand cmd = new SqlCommand("insert into stud_data
(studname,Rollno,DOB,Email)values (@snm,@rno,@DOB,@EMail)",cn);
    cmd.Parameters.AddWithValue("@snm", txtnm.Text);
    cmd.Parameters.AddWithValue("@rno", txttrno.Text);
    cmd.Parameters.AddWithValue("@DOB", txtdob.Text);
    cmd.Parameters.AddWithValue("@EMail", txte.Text);
    cmd.ExecuteNonQuery();
    cn.Dispose();
    cn.Close();
}
```

stud_data: Query(...ATA\DATABASE.MDF) × dbo.stud_data: Ta...ATA\DATABASE.MDF				
	Studname	Rollno	DOB	Email
▶	Aditya Lonkar	79	27/02/2002	aditya34@gm..
	Rahul Shinde	54	04/03/2001	rahulshinde@.
	Sagar Tone	58	08/04/2000	sagartone@g..
	Rahul Patil	45	06/01/1999	rahulpatil@g..
*	NULL	NULL	NULL	NULL

Update Records-

```
protected void Button3_Click(object sender, EventArgs e)
{
    SqlConnection cn = new SqlConnection(cs);
    cn.Open();
    SqlCommand cmd = new SqlCommand("update stud_data set Rollno=@rno where
Studname=@snm", cn);
    cmd.Parameters.AddWithValue("@snm", txtnm.Text);
    cmd.Parameters.AddWithValue("@rno", txttrno.Text);
    cmd.ExecuteNonQuery();
    cn.Dispose();
    cn.Close();
}
```

stud_data: Query(...ATA\DATABASE.MDF)		dbo.stud_data: Ta...ATA\DATABASE.MDF)		
	Studname	Rollno	DOB	Email
▶	Aditya Lonkar	79	27/02/2002	aditya34@gm..
	Rahul Shinde	54	04/03/2001	rahulshinde@.
	Sagar Tone	58	08/04/2000	sagartone@g..
	Rahul Patil	45	06/01/1999	rahulpatil@g..
*	NULL	NULL	NULL	NULL

Delete Records-

```
protected void Button4_Click(object sender, EventArgs e)
{
    SqlConnection cn = new SqlConnection(cs);
    cn.Open();
    SqlCommand cmd = new SqlCommand("delete from stud_data where
        Studname=@snm", cn);
    cmd.Parameters.AddWithValue("@snm", txtnm.Text);
    cmd.ExecuteNonQuery();
    cn.Dispose();
    cn.Close();
}
```

Default3.aspx.cs	Default3.aspx	stud_data: Query(...ATA\DATABASE.MDF) X	db
Studname	Rollno	DOB	Email
Mahesh	87	27/02/2003	mahesh23@gm.
Rahul	56	25/04/2001	rahul34@gmai..
Sanjay	35	25/02/2000	sanjay56@gma.
* NULL	NULL	NULL	NULL

Form Design –

localhost:59747/WebSite1/Defau X +

localhost:59747/WebSite1/

Enter Name -

Enter Roll no -

DOB

July 2022						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Enter Email -

Default3.aspx.cs Default3.aspx X stud_data: Query(...ATA\DATABASE.MDF)

Enter Name -Please Enter Name

Enter Roll no -Enter Your Roll No

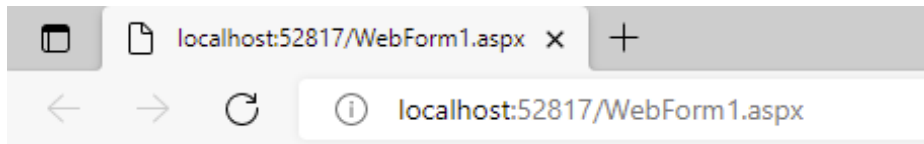
DOB

June 2022						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2
3	4	5	6	7	8	9

Enter Email -Enter Proper Mail Id

Q19. Display product information using report.

Column Name	Data Type	Allow Nulls
p_id	int	<input type="checkbox"/>
p_name	varchar(50)	<input checked="" type="checkbox"/>
p_price	int	<input checked="" type="checkbox"/>



p id	p name	p price
1	glucon d	60
2	tang	10
3	ORS	12
4	tictac	10
5	dairymik	20



Q20. Display information of particular product using parameterized report

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;
using System.Configuration;
using Microsoft.Reporting.WebForms;

public partial class _Default : System.Web.UI.Page
{
    string cs = @"Data
Source=.\SQLEXPRESS;AttachDbFilename=E:\StudentDB\WebSite20\App_Data\Database.m
df;Integrated Security=True;User Instance=True";
    int category;
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        category = int.Parse(DropDownList1.SelectedItem.Value);
        SqlConnection cn = new SqlConnection(cs);
        cn.Open();

        SqlCommand cmd = new SqlCommand("select * from product where p_id = @cat",
        cn);
        cmd.Parameters.AddWithValue("@cat", category);

        SqlDataAdapter data = new SqlDataAdapter(cmd);
        using (DataSet ds = new DataSet1())
        {
            data.Fill(ds, "product");
            ReportDataSource datasrc = new ReportDataSource("DataSet1",
            ds.Tables[0]);
            ReportViewer1.LocalReport.DataSources.Clear();
            ReportViewer1.LocalReport.DataSources.Add(datasrc);
        }
    }
}
```

3

Button

1 of 1 Find | Next

p id	p name	p qty	p price	exp dat
3	Product3	30	300	3/8/2002 12:00:00 AM

Column Name	Data Type	Allow Nulls
p_id	int	<input type="checkbox"/>
p_name	varchar(50)	<input checked="" type="checkbox"/>
p_qty	int	<input checked="" type="checkbox"/>
p_price	int	<input checked="" type="checkbox"/>
exp_dat	date	<input checked="" type="checkbox"/>

div

1

Button

ScriptManager - ScriptManager1

1 of 1 Find | Next