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Q1) a) i) Includes a huge collection of reusable classes, interface, namespace and value types

ii) It is a consistent, object-oriented library of pre package functionality and applications.

b) i) at the asp:Label, it does not have runat="server"

ii) at the asp:Button for submit, the ID=submit does not have " "
   ✓ ID: "submit"

c) i) With ASP, there will be <asp: at the front and it is case sensitive meanwhile HTML is not case sensitive.

ii) For textbox, with asp need to use TextBox while HTML only use input with attribute type= "text"

iii) For button, with asp need to use Button while HTML only use input with attribute type="button"

```csharp
Q2) using System;

namespace Test
{
    class Question 2
    {
        public static void Main (string[] args)
        {
            Console. Write (" Enter a positive number : ");
            int x = Convert. To Int32 ( Console. ReadLine());
            bool prime = true;
            for (int y = 2; y < x/2; y++ )
            {
                if ( x % y == 0)
                {
                    prime = false;
                    break;
                }
            }
            if (prime)
                Console.Write ("It is a prime number ");
            else
                Console Write (" It is not a prime number");
            Console. ReadKey ();
        }
    }
}
```

Q2) b)

```
int x = 0;
while ( x <= 9 )
{
    Console.WriteLine ("Number :  " + x );
    x++;
}
```

Q3)

```
protected void  btnCalculate_Click (object sender, EventArgs e)
{
    string name = customerName.Text;
    double price = 0;
    if (customerName.Text == String.Empty )
        lblErrorMessage.InnerText = "Please enter your name!";
    else if ((!cbCoffee.Checked) && (!cbTea.Checked) && (!cbLatte.Checked) && (!cbChoc.Checked))
        lblErrorMessage.InnerText = "Please select something!";
    else
    {
        if (cbCoffee.Checked)
            price += 5;
        if (cbTea.Checked)
            price += 4;
        if (cbLatte.Checked)
            price += 7;
        if (cbChoc.Checked)
            price += 7;

        totalPrice.Text = "RM " + price;
        discount.Text = " -RM 0.00";
    }
    if (price > 10)
    {
        totalPrice.Text = "RM " + (price * 0.9) + " (after discount)";
        discount.Text = " - RM " + (price * 0.1);
    }
}
```

Q3)

```
protected void btnClear_Click (object sender, EventArgs e)
{
    customerName.Text = " ";
    cbCoffee.Checked = false;
    cbTea.Checked = false;
    cbLatte.Checked = false;
    cbChoc.Checked = false;
    totalPrice.text = " ";
    discount.Text = " ";
}
```

Q4)

CAR BOOKING FORM

Name: [   ] Please enter your name

Car Name: [Proton Exora ▽]

Duration (in hour): [1 ▽]

Driving license : [   ] [Browse]

Date : [   ] Please enter date

[Save] [Delete] [Clear]