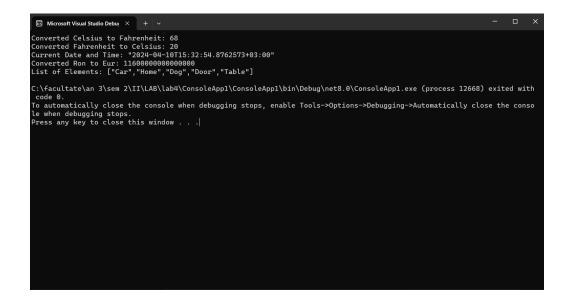
All code available on GitHub at:

Server-side controller:

```
public class HomeController1 : Controller
   Oreferences

public IActionResult Index()
{
       return View();
   [HttpGet("CtoF")]
   Oreferences
public ActionResult<double> ConvertCtoF( int c)
       return (c * 9 / 5) + 32;
   [HttpGet("FtoC")]
   public ActionResult<double> ConvertFtoC( int f)
       return (f - 32) * 5 / 9;
   [HttpGet("DateTime")]
   public ActionResult<DateTime> GetDateTime()
       return DateTime.Now;
   [HttpGet("RonEur")]
   public ActionResult<double> GetCurrency(double r)
   [HttpGet("List")]
    public ActionResult<List<String>> GetList()
       var elem = new List<String> { "Car", "Home", "Dog", "Door", "Table" };
       return elem;
```

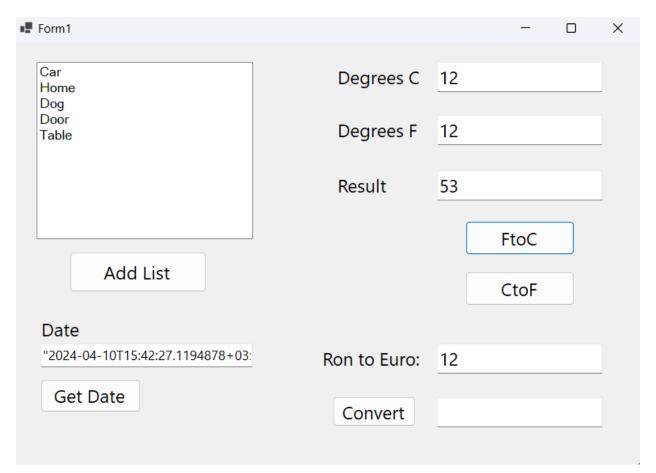
Console:



```
static async Task Main(string[] args)
   using var httpClient = new HttpClient();
    string baseUrl = "https://localhost:7227/";
        int celsius = 20;
       var responseCtoF = await httpClient.GetAsync(baseUrl + $"CtoF?c={celsius}");
       responseCtoF.EnsureSuccessStatusCode();
       var fahrenheitString = await responseCtoF.Content.ReadAsStringAsync();
       var fahrenheit = double.Parse(fahrenheitString);
       Console.WriteLine($"Converted Celsius to Fahrenheit: {fahrenheit}");
       int fahrenheit1 = 68;
       var responseFtoC = await httpClient.GetAsync(baseUrl + $"FtoC?f={fahrenheit1}");
       responseFtoC.EnsureSuccessStatusCode();
       var celsiusString = await responseFtoC.Content.ReadAsStringAsync();
       var celsius1 = double.Parse(celsiusString);
       Console.WriteLine($"Converted Fahrenheit to Celsius: {celsius1}");
       var responseDateTime = await httpClient.GetAsync(baseUrl + "DateTime");
       responseDateTime.EnsureSuccessStatusCode();
       var dateTime = await responseDateTime.Content.ReadAsStringAsync();
       Console.WriteLine($"Current Date and Time: {dateTime}");
       int ron = 58;
       var responseCurCon = await httpClient.GetAsync(baseUrl + $"RonEur?r={ron}");
       responseCurCon.EnsureSuccessStatusCode();
       var eurString = await responseCurCon.Content.ReadAsStringAsync();
       var eur = double.Parse(eurString);
       Console.WriteLine($"Converted Ron to Eur: {eur}");
        var responseElements = await httpClient.GetAsync(baseUrl + "List");
       responseElements.EnsureSuccessStatusCode();
       var elementsJson = await responseElements.Content.ReadAsStringAsync();
       Console.WriteLine($"List of Elements: {elementsJson}");
    catch (HttpRequestException e)
       Console.WriteLine($"Request failed: {e.Message}");
```

Windows Form:

■ Form1		- 0	×
	Degrees C		
	Degrees F		
	Result		
Add List		FtoC	
		CtoF	
Date			
	Ron to Euro:		
Get Date	Convert		



```
private async void buttonDate_Click(object sender, EventArgs e)
    try
        var responseDateTime = await _httpClient.GetAsync(_baseUrl + "DateTime");
        responseDateTime.EnsureSuccessStatusCode();
        var dateTime = await responseDateTime.Content.ReadAsStringAsync();
        textBox_Date.Text = dateTime;
    catch (HttpRequestException ex)
        MessageBox.Show($"Request failed: {ex.Message}");
private async void buttonFC_Click(object sender, EventArgs e)
{
        int celsius = int.Parse(textBoxC.Text);
var responseCtoF = await _httpClient.GetAsync(_baseUrl + $"CtoF?c={celsius}");
        responseCtoF.EnsureSuccessStatusCode();
        var fahrenheitString = await responseCtoF.Content.ReadAsStringAsync();
        textBoxR.Text = fahrenheitString;
    catch (HttpRequestException ex)
        MessageBox.Show($"Request failed: {ex.Message}");
private async void buttonCF_Click(object sender, EventArgs e)
    try
        int fahrenheit = int.Parse(textBoxF.Text);
        var responseFtoC = await _httpClient.GetAsync(_baseUrl + $"FtoC?f={fahrenheit}");
```

```
treference
private async void buttonCF_Click(object sender, EventArgs e)
{
    try
    {
        int fahrenheit = int.Parse(textBoxF.Text);
        var responseFtoC = await _httpClient.GetAsync(_baseUrl + $"FtoC?f={fahrenheit}");
        responseFtoC.EnsureSuccessStatusCode();
        var celsiusString = await responseFtoC.Content.ReadAsStringAsync();
        textBoxR.Text = celsiusString;
    }
    catch (HttpRequestException ex)
    {
        MessageBox.Show($"Request failed: {ex.Message}");
    }
}

treference
private async void buttonConv_Click(object sender, EventArgs e)
{
    int ron = int.Parse(textBoxRon.Text);
    var responseCurCon = await _httpClient.GetAsync(_baseUrl + $"RonEur?r={ron}");
        responseCurCon.EnsureSuccessStatusCode();
        var eurString = await responseCurCon.Content.ReadAsStringAsync();
        textBoxEur.Text = eurString;
}
catch (HttpRequestException ex)
{
        MessageBox.Show($"Request failed: {ex.Message}");
}
```