

## Practice Activity Number 12

Let's practice creating a web service. Hopefully you have already installed IIS on your computer, but if not, please do it now. If you cannot, don't worry, you can still do this Practice Activity.

1. Open Visual Studio in Administrative mode.

\* If you cannot open Visual Studio in Administrative mode, just open Visual Studio normally.

2. Create a web service.

3. Add a Function that takes two words, and outputs them joined together, separated by a space.

- So if the two words are Hello and There, then the output would be Hello There.
- Make sure that this module is assessable when used as a web service.

4. Test and deploy it.

- Test it using IIS Express.
- Deploy the web service into your IIS (using your Administrative rights!).
- Give it a test using IIS.

\* If you can't install IIS, or you haven't got Administrative rights and so can't deploy it anyway, I'll show you a temporary workaround for this Practice Activity in the Solution video.

5. Create a ASP.NET program.

6. Create a reference to the web service.

7. In the Page\_Load Sub procedure of Default.aspx, Output the result from your Web Service when you ask it to join together the words Hello and There.

8. Test it to see if it works.