

- Opening the Visual Studio project in Visual Studio Express 2012
- Preview the application in the Windows Phone 8 Emulator
- Run the application in a physical device

The screenshot shows the Visual Studio IDE. On the left, the Project Explorer displays the 'HelloWorldProject' structure, including folders like 'Java Resources', 'JavaScript Resources', 'adapters', 'apps', and 'HelloWorld'. The 'index.html' file is open in the main editor, showing HTML code with a head section containing meta tags for charset, title, and viewport. A context menu is open over the 'index.html' file, listing various actions. The 'Run As' option is highlighted, which has opened a sub-menu with five options: '1 Run on MobileFirst Development Server', '2 Visual Studio project' (which is selected), '3 Build WindowsPhone8 Environment', '4 Preview', and '5 Build Settings and Deploy Target...'. The bottom status bar shows 'windowsphone8 - HelloWorldPro'.

Click the green play button (or press **F5**) to start your application in debug mode.
To start your application without debug mode, press **Ctrl + F5** or change **Debug** to **Release** in the dropdown list.



Run the application in a physical device

Make sure that **Device** is selected in the toolbar instead of the Windows Phone 8 emulator

Make sure that your device is connected and is not in sleep mode.

Click the green play button (or press **F5**) to start your application in debug mode.

Click the transparent play button to start your application without debug mode (or press **Ctrl + F5**).