

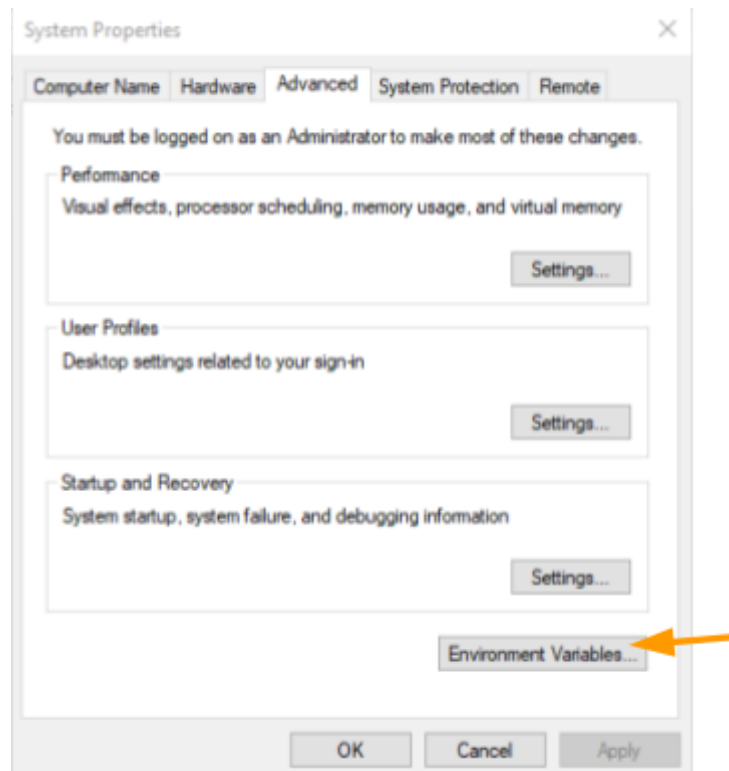
Debugging and executing JavaScript - FAQs

Question 1: How can I use Sublime Text to create, debug and execute JavaScript files?

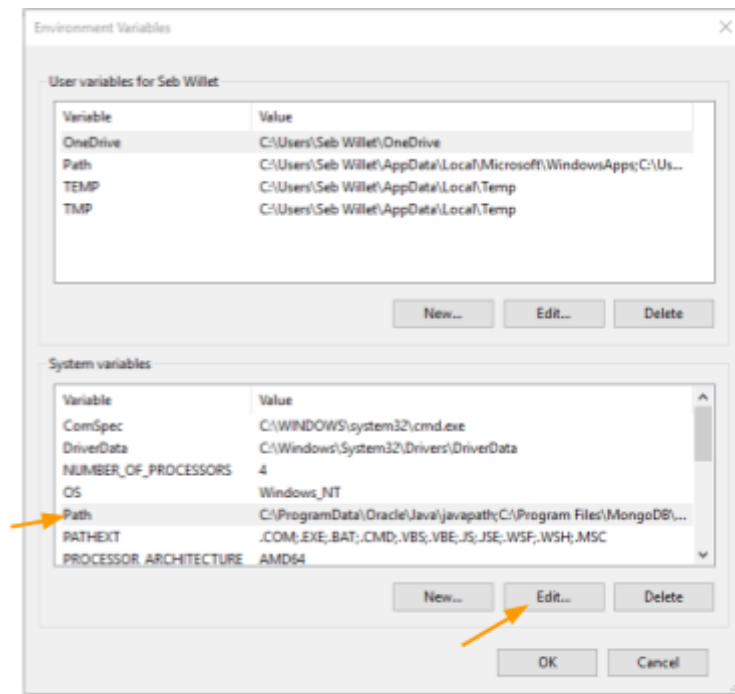
1. Download Node.js here: <https://nodejs.org/en/> and install it.
2. Add a path to node.exe to your environment variables if you are using a Windows.

To do this:

- Navigate to the file that contains the node.exe file (e.g. "C:\Program Files\nodejs\").
- Copy the path to this file.
- Open your System Properties window. You can do this by typing "sysdm.cpl" into the command line interface.
- From the System Properties window, select Environment Variables



- Select "Path" in the System variables window and choose to edit this.



- Select “New” and paste the path you copied earlier.
- Press OK

3. Launch Sublime Text Editor

4. Go to Tools>Build System>New Build System...

5. In the file that opens, type the following:

```
{
  "cmd": ["node", "$file"],
  "selector": "source.js"
}
```

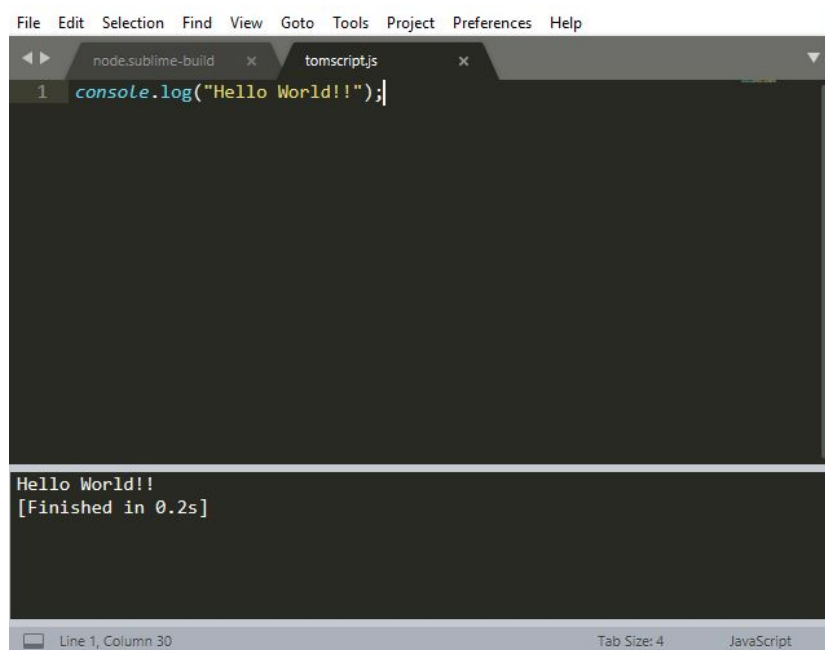


6. Save this file as "node.sublime-build" in the default "user" folder.

7. Open the JavaScript file you want to debug and/or execute or create a new file and save it with a .js extension.

8. Select Tools>Build System>node

9. Build the JavaScript file (Tools>Build).
10. Your JavaScript file should be executed and you should see output similar to that shown below:



The screenshot shows a code editor window with a menu bar (File, Edit, Selection, Find, View, Goto, Tools, Project, Preferences, Help) and two tabs: 'node.sublime-build' and 'tomsript.js'. The 'tomsript.js' tab is active, showing a single line of code: `1 console.log("Hello World!!");`. Below the code editor is an output console displaying the text: `Hello World!!` and `[Finished in 0.2s]`. The status bar at the bottom indicates 'Line 1, Column 30', 'Tab Size: 4', and 'JavaScript'.