

CS 320

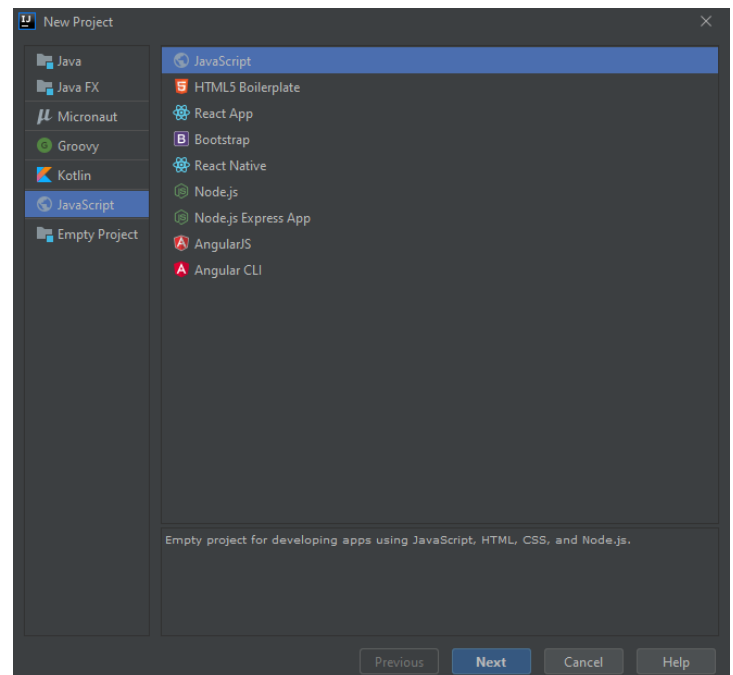
IntelliJ JS Guide

Grading: Not Graded Individually. Just a note on running Javascript in IntelliJ IDEA.

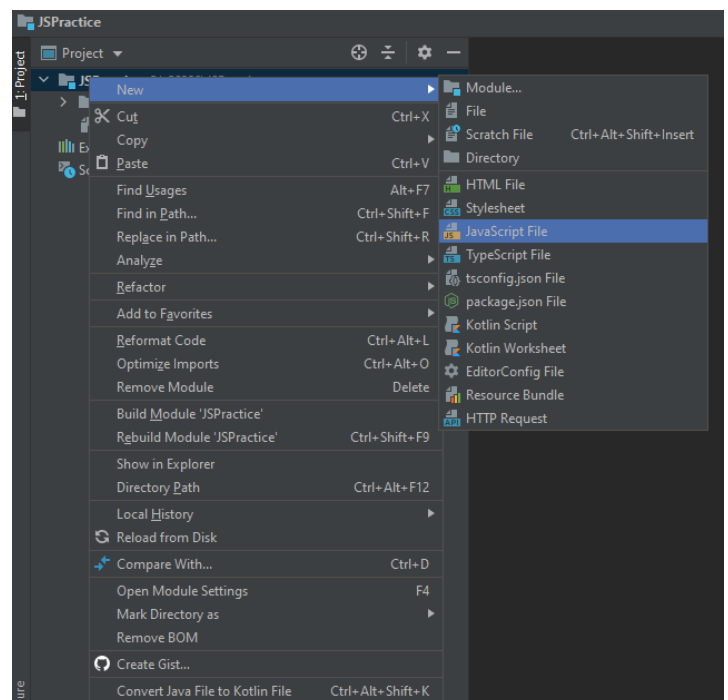
Task: Run example Javascript code in IntelliJ IDE for local JS development and execution.

1. New Project

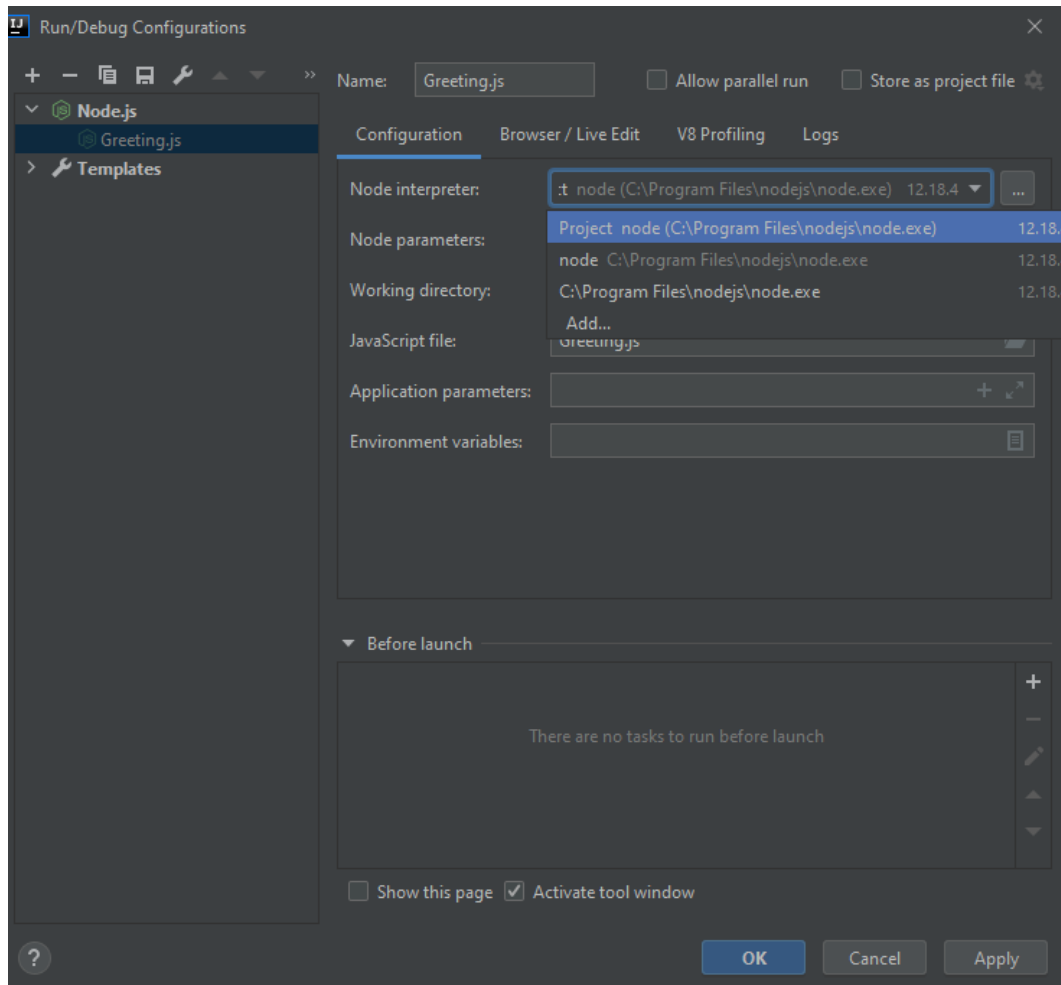
- a) Start by creating a new project and selecting the javascript option.



- b) Next, we create a new Javascript source code file.

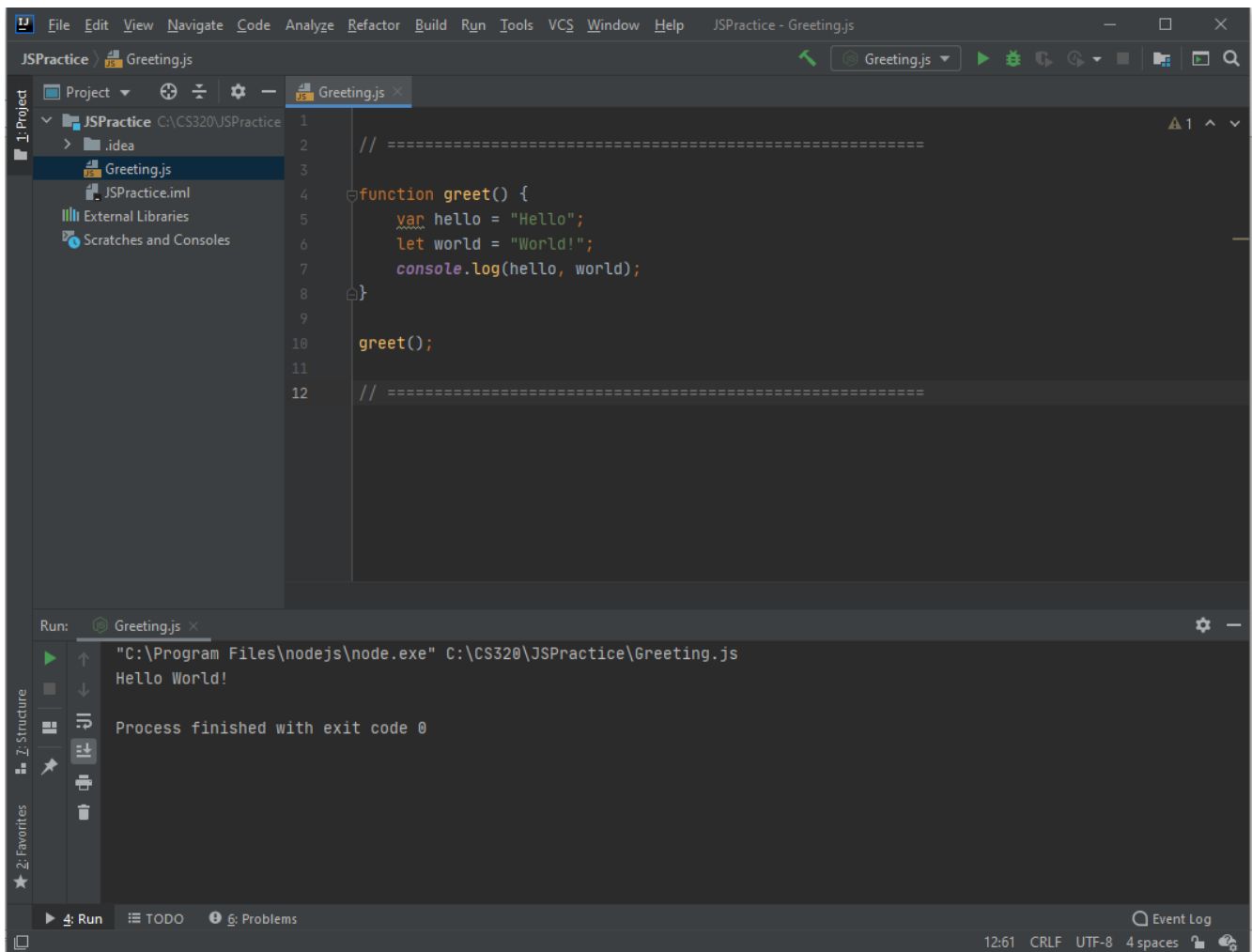


- c) To run this code, it needs to be configured. This can involve selecting a node interpreter for it to run. If you don't have one installed, look below for how to acquire a commonly used one (Node.js) for this.



Input the following code into our Javascript file from part b and run it to see if your IDE is set to develop and execute Javascript. It should output "Hello World!" to the console.

```
// =====  
function greet() {  
    var hello = "Hello";  
    let world = "World!";  
    console.log(hello, world);  
}  
  
greet();  
// =====
```



The screenshot shows an IDE window titled "JSPractice - Greeting.js". The left sidebar displays the project structure with "JSPractice" as the root, containing ".idea", "Greeting.js", and "JSPractice.iml". The main editor area shows the following JavaScript code:

```
1 // =====
2
3
4 function greet() {
5     var hello = "Hello";
6     let world = "World!";
7     console.log(hello, world);
8 }
9
10 greet();
11
12 // =====
```

The bottom panel, titled "Run: Greeting.js", shows the execution command and output:

```
"C:\Program Files\nodejs\node.exe" C:\CS320\JSPractice\Greeting.js
Hello World!

Process finished with exit code 0
```

The status bar at the bottom indicates "12:61 CRLF UTF-8 4 spaces".

2. Node.js

If you need a node interpreter for your system, then a common open source one can be found at: <https://nodejs.org/en/#download>

For mac users, it's a good idea to check for the installation first. If you open the terminal and use the command "node -v" the version will be output if it is currently installed. If you do have a version of Node.js, it can be updated with the command: "npm i -g npm". In the event you don't have it, use the link above to get the package to install it.