

## JSBootcamp Exam

Your task is to develop a simple application named **search**. The application searches for all files that contains a specified string under the current directory

The application should be written using the JavaScript programming language. The application should be executed under the NodeJS platform. For more information on developing NodeJS applications please read [here](#)

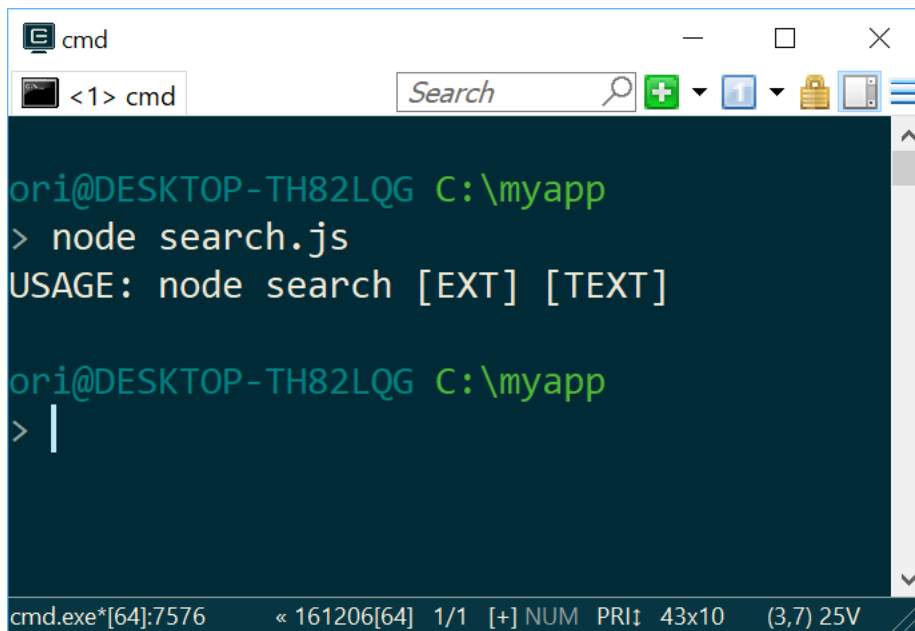
For example, when the user executes the following command:

**C:\MyFolder> node search.js txt Ori**

The application searches for all files with the extension **txt** under **C:\MyFolder** (including subdirectories) that contain the string **Ori**. Once the search completes, the application displays the list of all matching files (full path)

To simplify testing of the application you should submit a link to a Github repository. You can read more about that [here](#). We will clone the repo using “git clone” and then run the commands as below. Please follow below examples for the expected behavior

Example 1: Running application without any parameter prints a simple help message

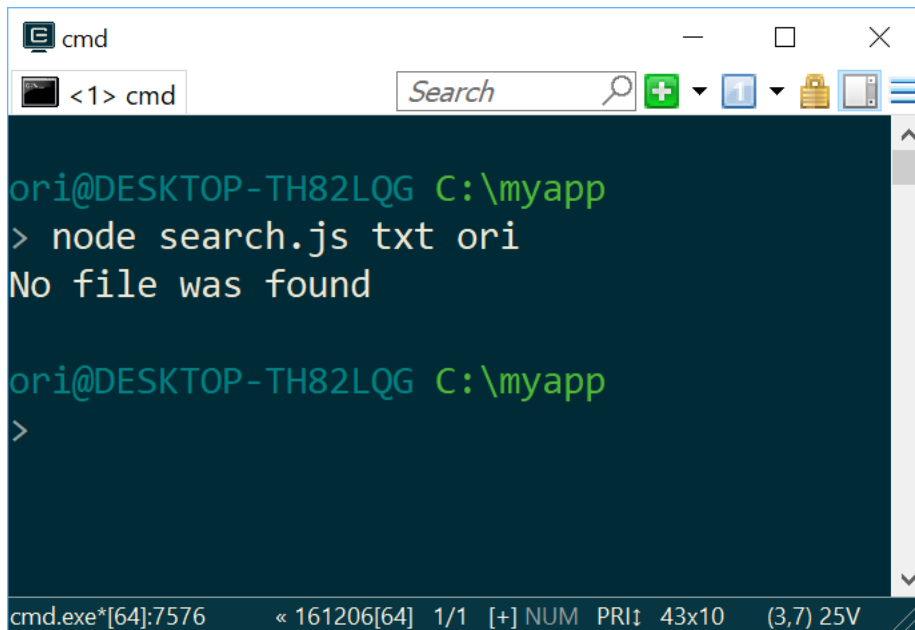


```
cmd
Search
ori@DESKTOP-TH82LQG C:\myapp
> node search.js
USAGE: node search [EXT] [TEXT]

ori@DESKTOP-TH82LQG C:\myapp
> |
```

The screenshot shows a Windows Command Prompt window titled 'cmd'. The address bar shows '<1> cmd' and a search bar with the text 'Search'. The command prompt displays the following text: 'ori@DESKTOP-TH82LQG C:\myapp', '> node search.js', 'USAGE: node search [EXT] [TEXT]', 'ori@DESKTOP-TH82LQG C:\myapp', and '> |'. The status bar at the bottom shows 'cmd.exe\*[64]:7576', '« 161206[64]', '1/1', '[+]', 'NUM', 'PRI↑', '43x10', and '(3,7) 25V'.

Example 2: Looking for all files with “txt” extension that contain the word “ori”

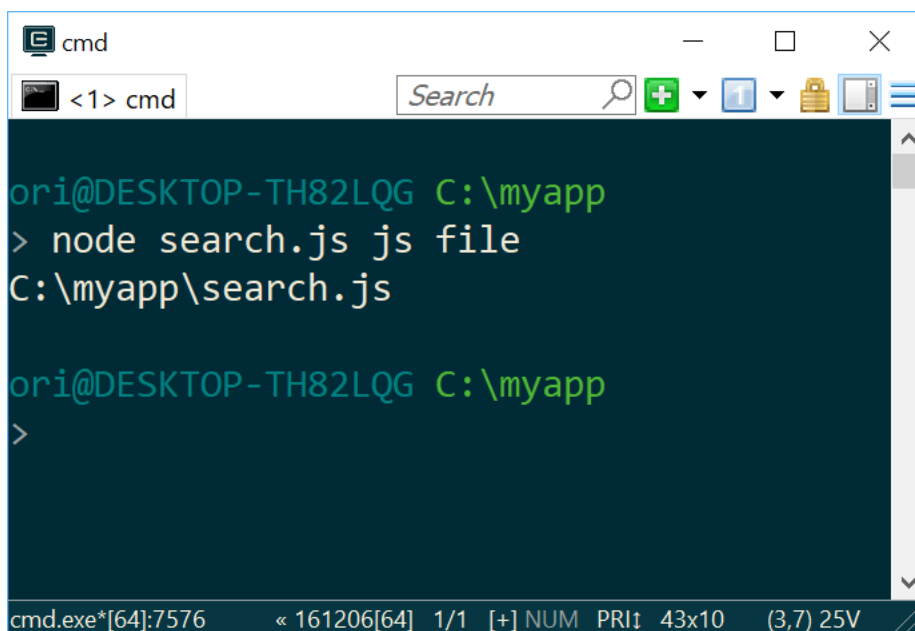


```
cmd
<1> cmd
Search
ori@DESKTOP-TH82LQG C:\myapp
> node search.js txt ori
No file was found

ori@DESKTOP-TH82LQG C:\myapp
>
```

The screenshot shows a Windows Command Prompt window titled 'cmd'. The address bar shows '<1> cmd' and a search bar with the text 'Search'. The main area has a dark blue background with green text for the prompt 'ori@DESKTOP-TH82LQG C:\myapp'. The user enters the command '> node search.js txt ori', and the output is 'No file was found'. The status bar at the bottom shows 'cmd.exe\*[64]:7576', '« 161206[64]', '1/1', '[+]', 'NUM', 'PRI↑', '43x10', and '(3,7) 25V'.

Example 3: Looking for all files with “js” extension that contain the word “file”



```
cmd
<1> cmd
Search
ori@DESKTOP-TH82LQG C:\myapp
> node search.js js file
C:\myapp\search.js

ori@DESKTOP-TH82LQG C:\myapp
>
```

The screenshot shows a Windows Command Prompt window titled 'cmd'. The address bar shows '<1> cmd' and a search bar with the text 'Search'. The main area has a dark blue background with green text for the prompt 'ori@DESKTOP-TH82LQG C:\myapp'. The user enters the command '> node search.js js file', and the output is 'C:\myapp\search.js'. The status bar at the bottom shows 'cmd.exe\*[64]:7576', '« 161206[64]', '1/1', '[+]', 'NUM', 'PRI↑', '43x10', and '(3,7) 25V'.