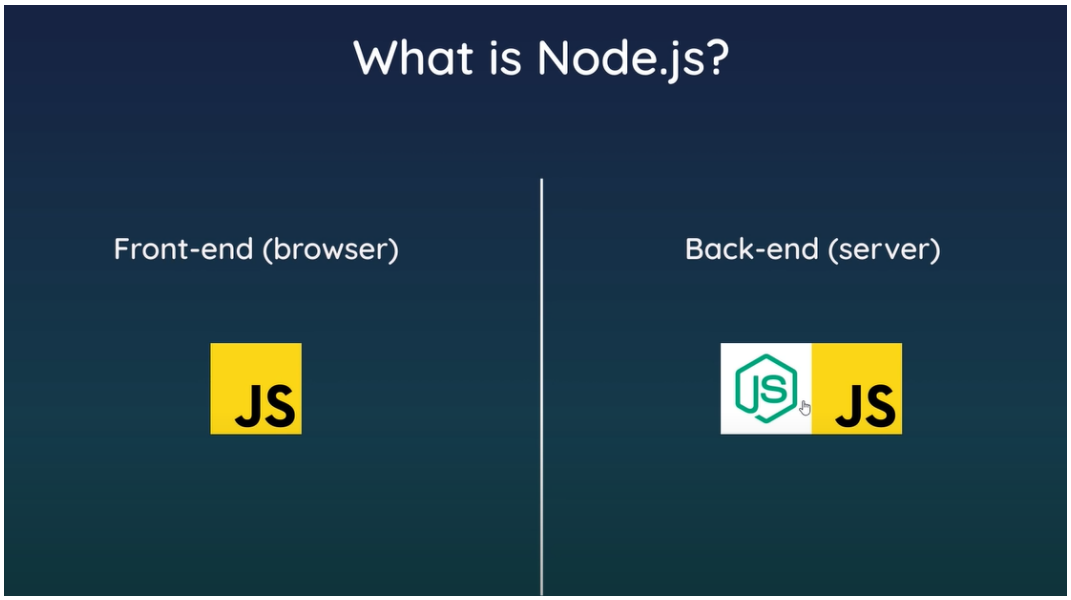
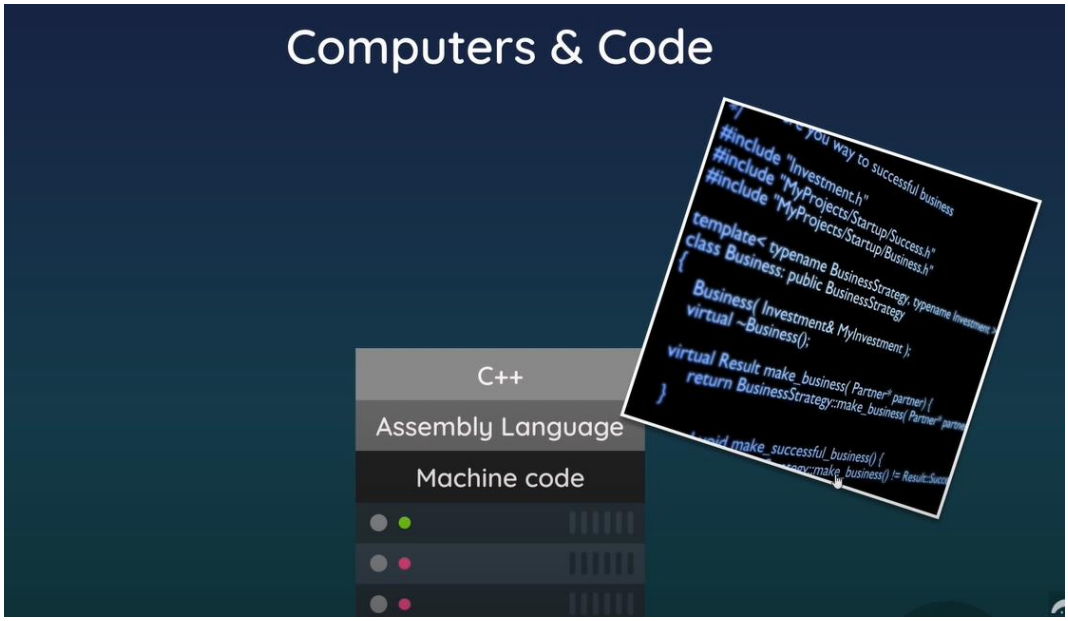
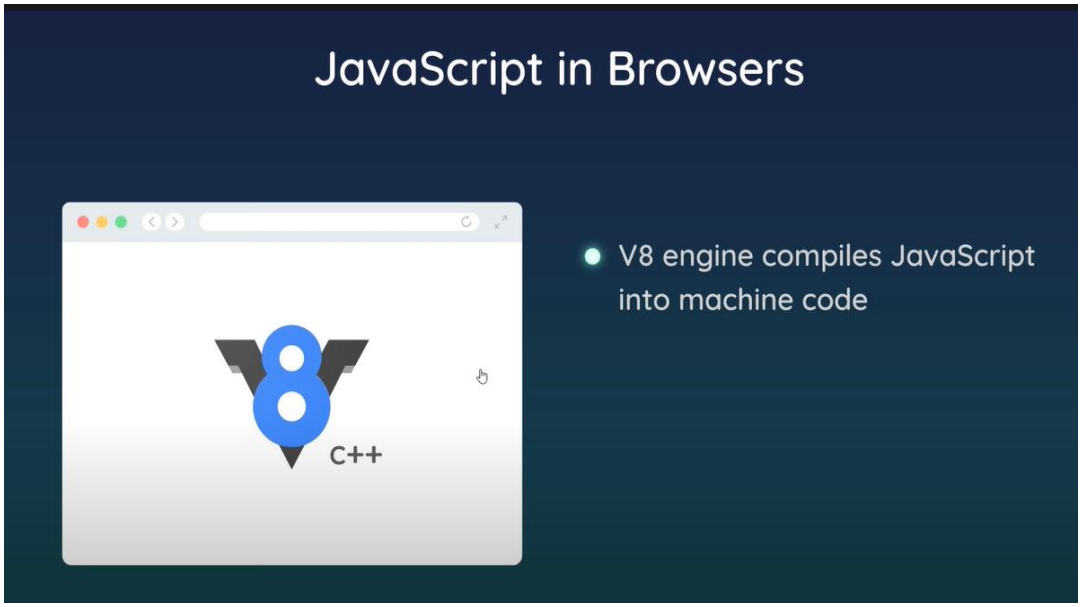


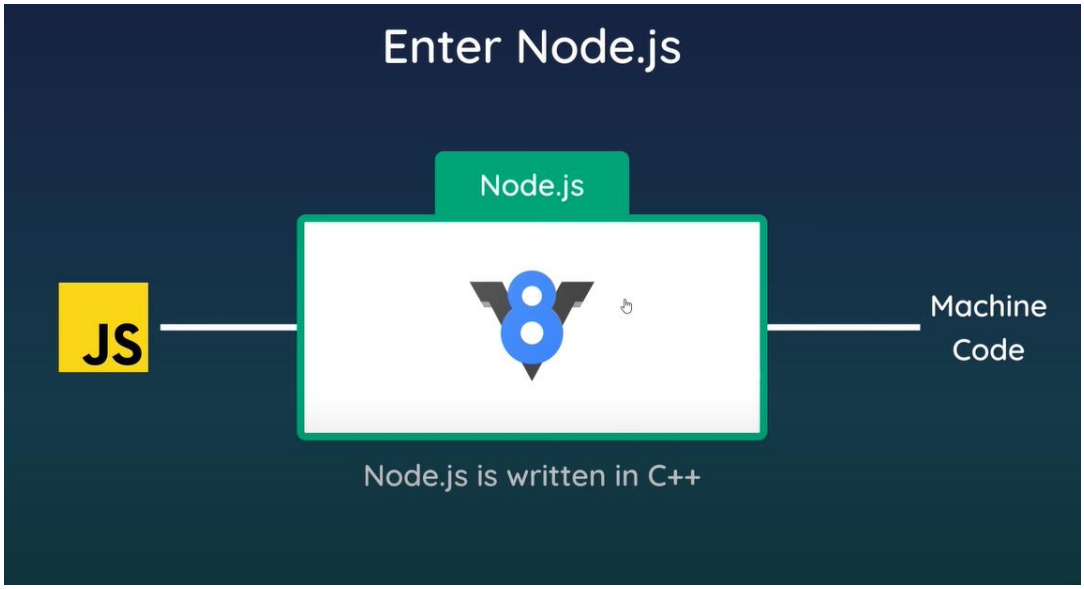
- **We cannot run javascript inside computer or browser but node js helps us to run javascript inside computer or browser.**

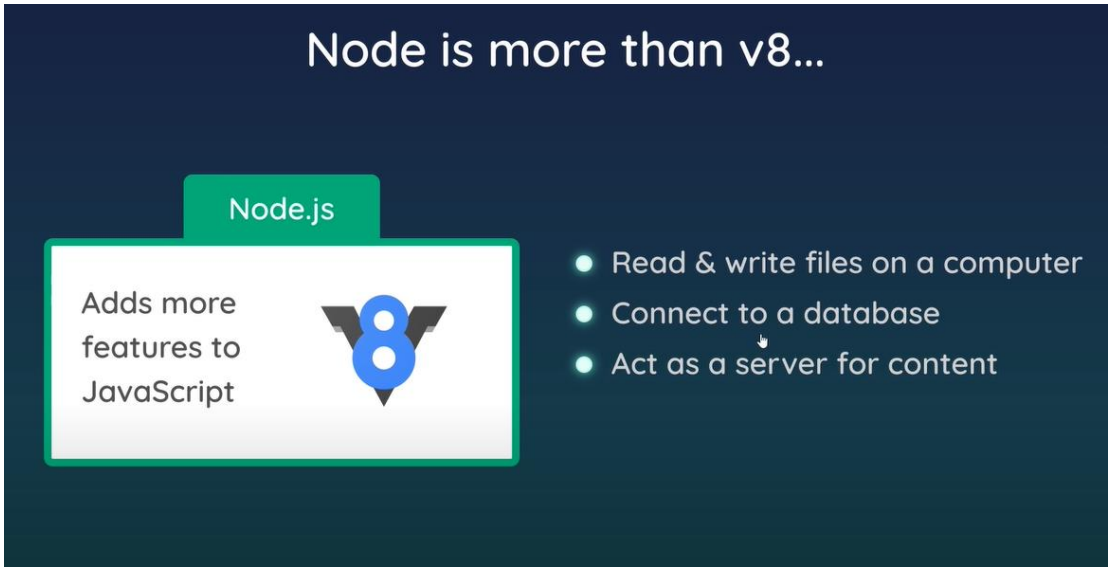


- **V8 engine helps javascript to run in browser. V8 engine works on browser. V8 engine is written in C++.**

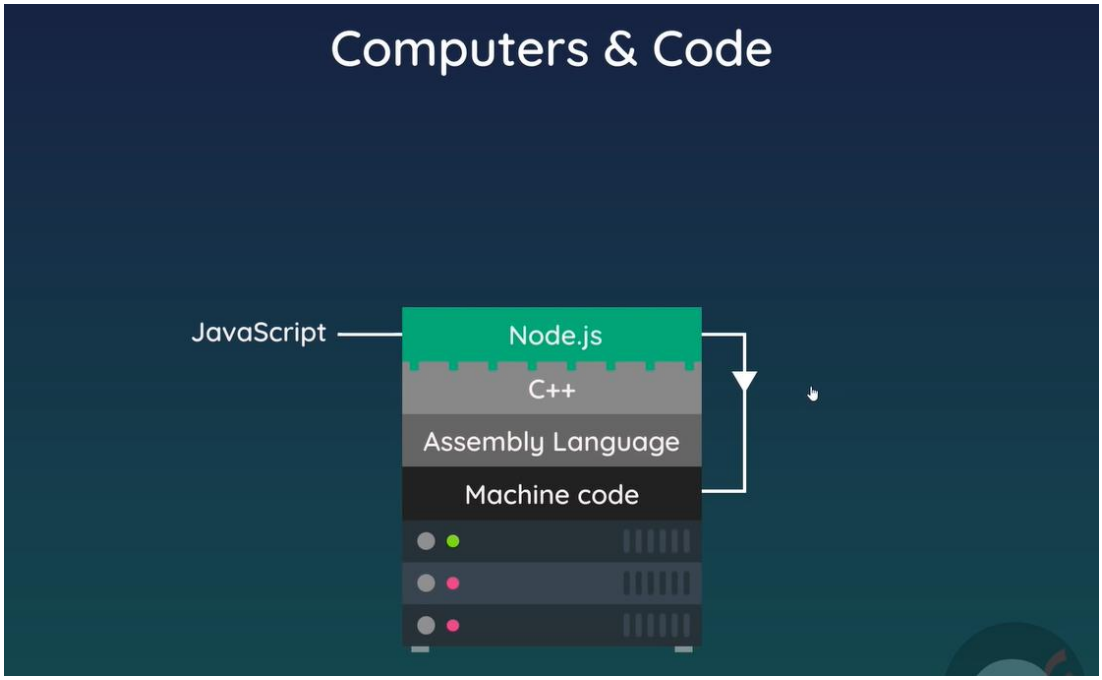


- **Node js written in C++. So it can run javascript in computer or browser. Because V8 engine is installed inside node js.**

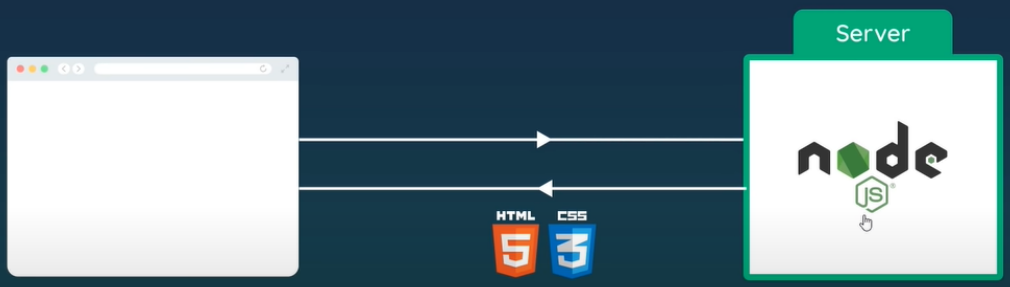




- **Now we can run javascript file in our computer with help of node js. So that computers can understand javascript.**



The Role of Node.js

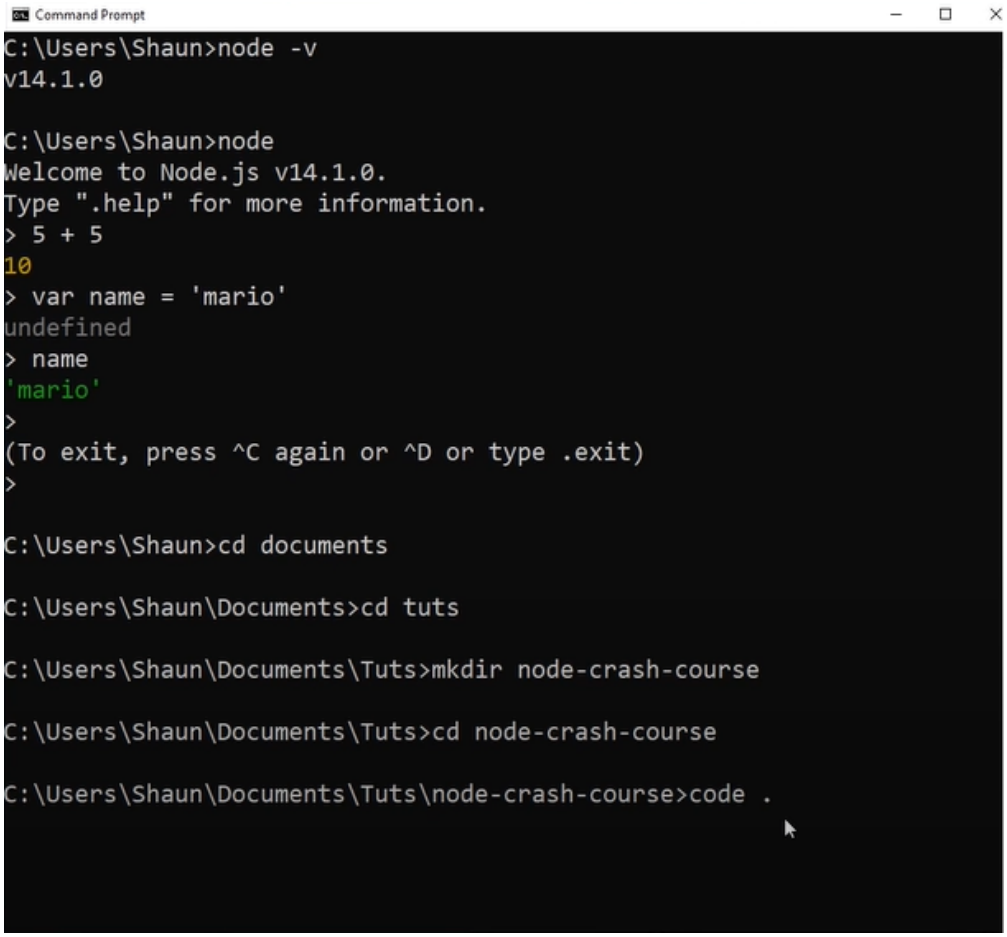


But why use Node.js?

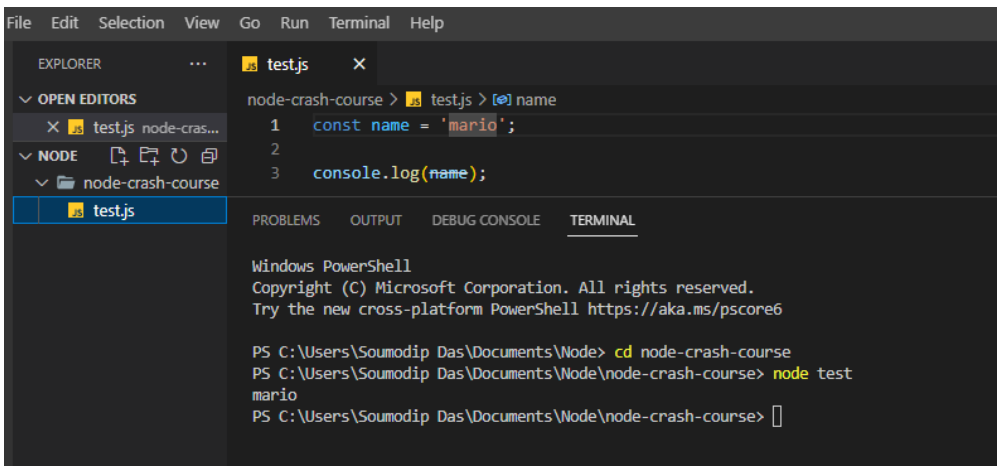
- No need to learn an extra language for server
- Can share code between front and back end
- Node.js has a massive community behind it
- Huge amount of third-party packages & tools to help

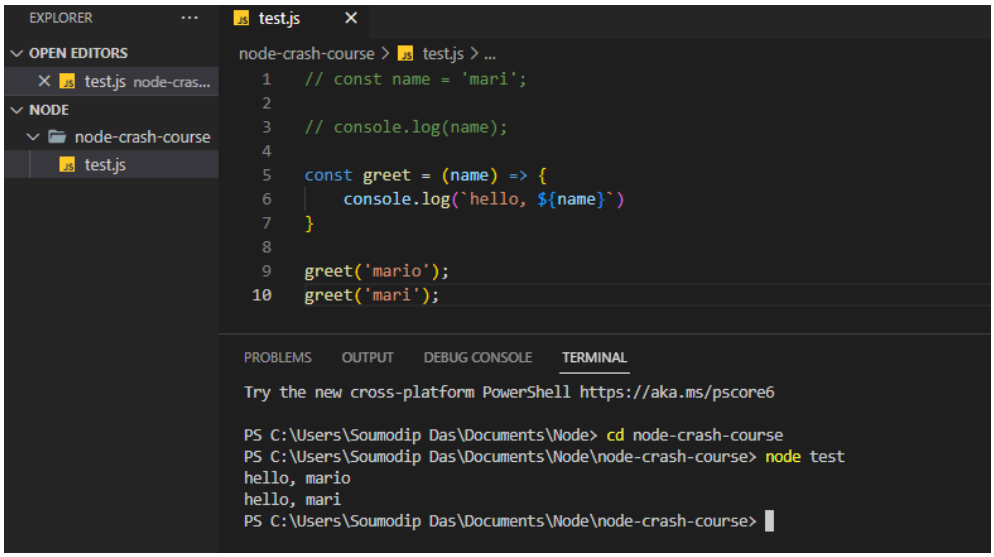
In this course...

- How to install Node & use it to run JavaScript
- How to read & write files on your computer
- How to create a server using Node.js to create a website
- How to create an Express app / website
- How to use MongoDB (a NoSQL database)
- How to use template engines to easily create HTML views
- Put everything together to make a simple blog site

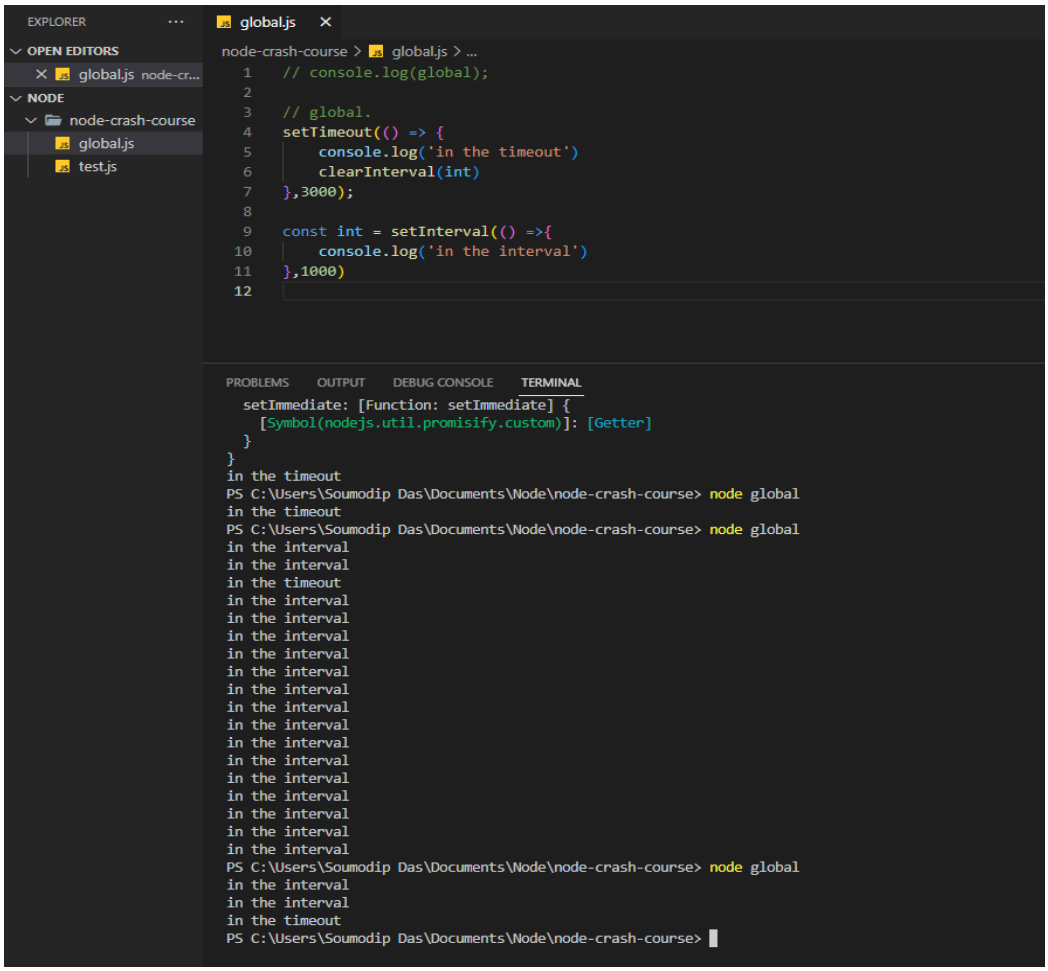


- **For accessing this we need to create a new file inside documents folder in this PC.**

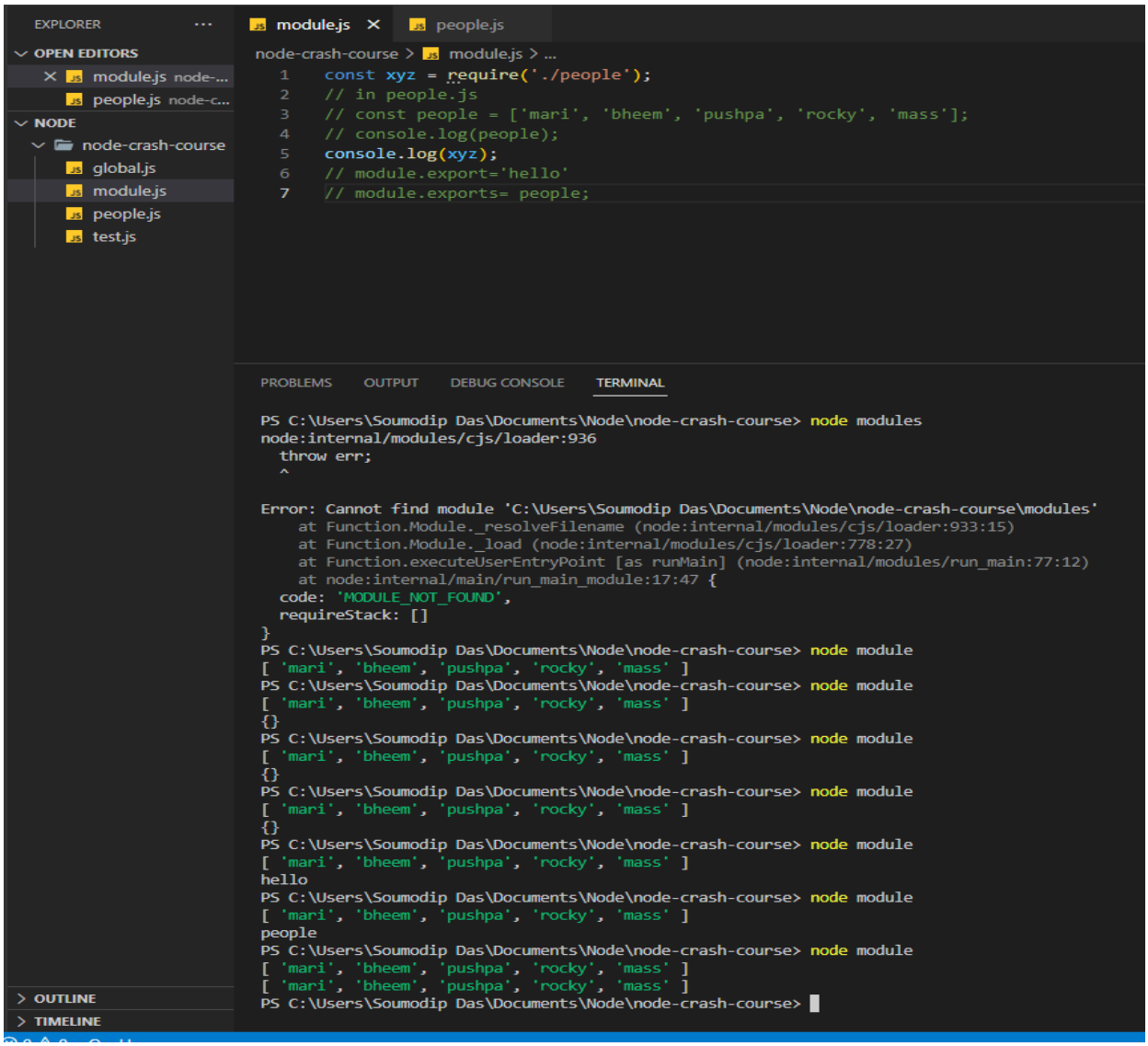


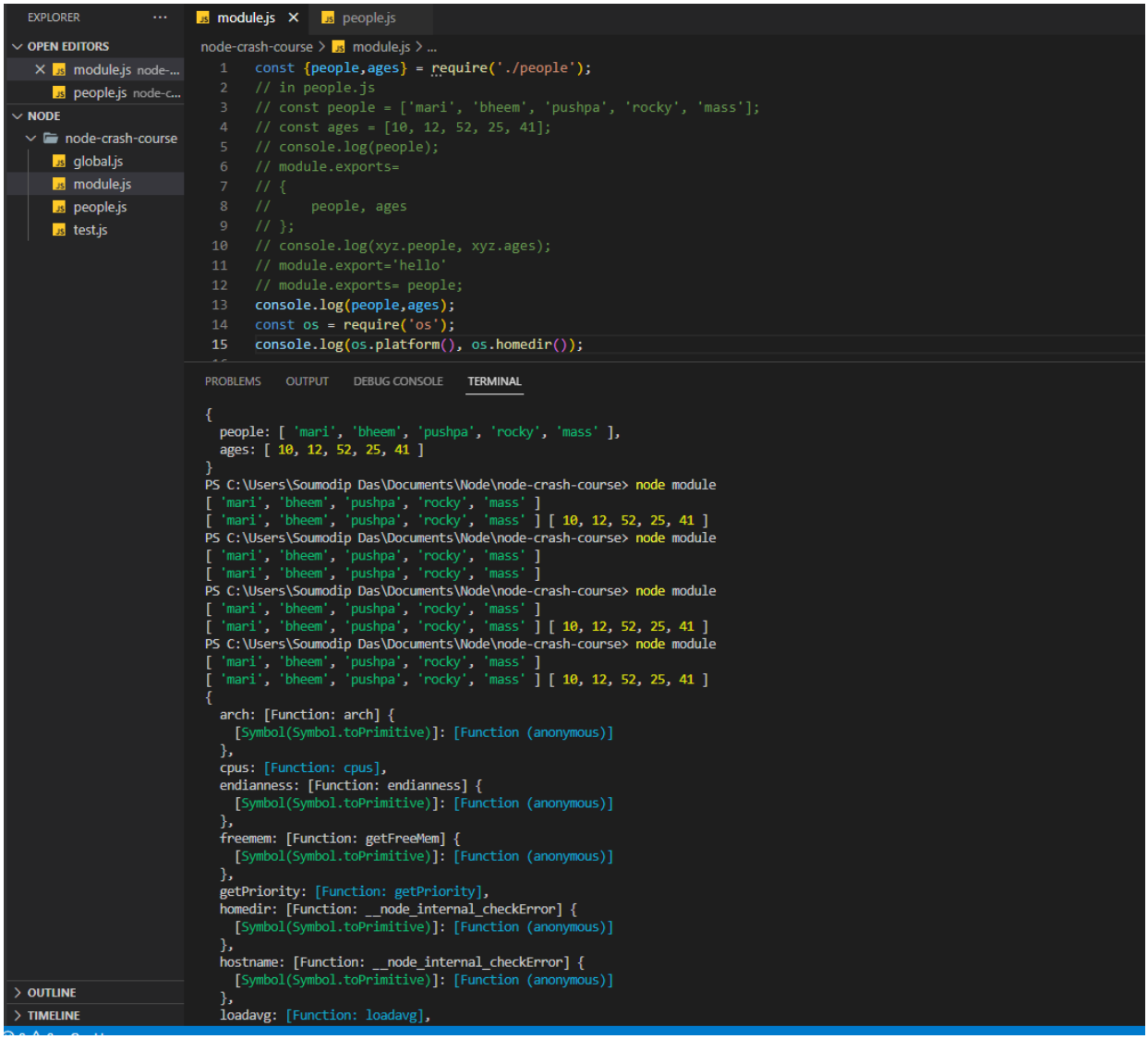


The Global Object

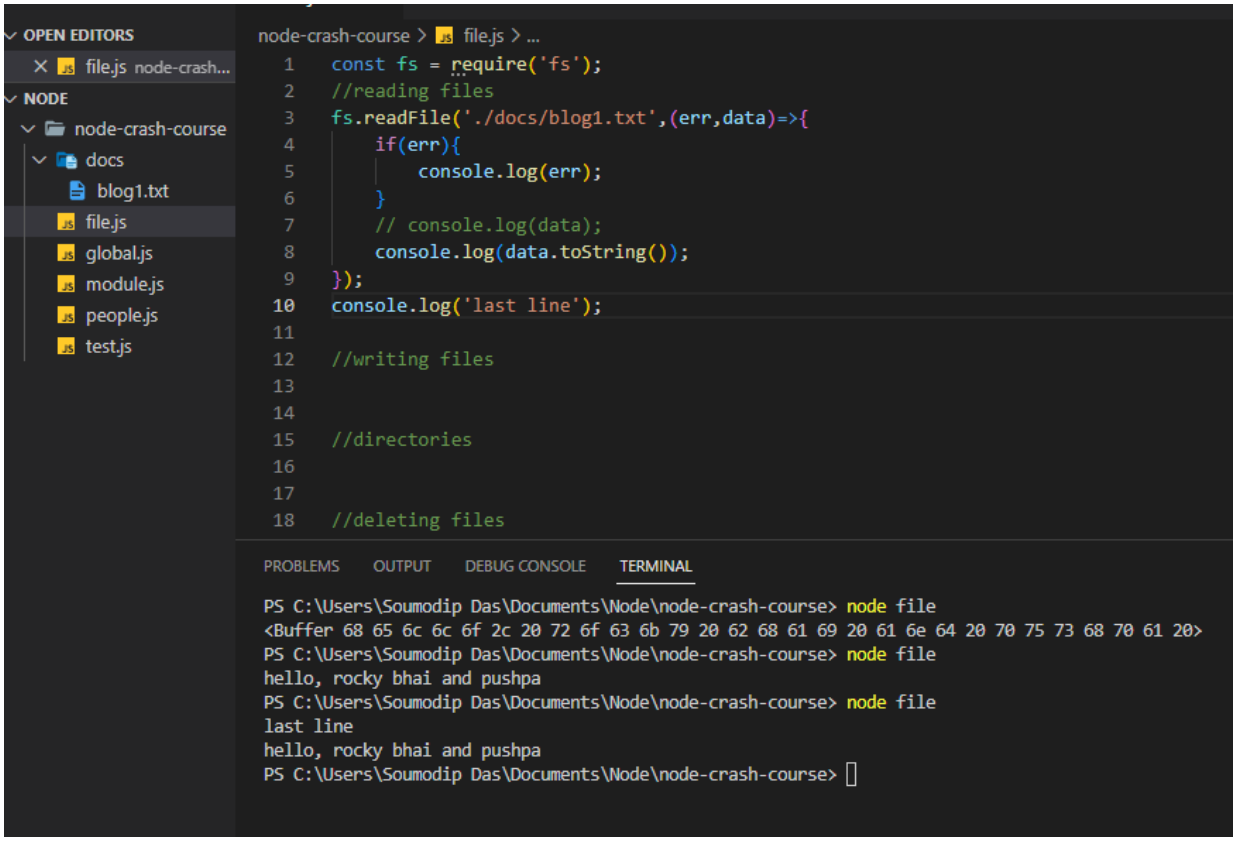


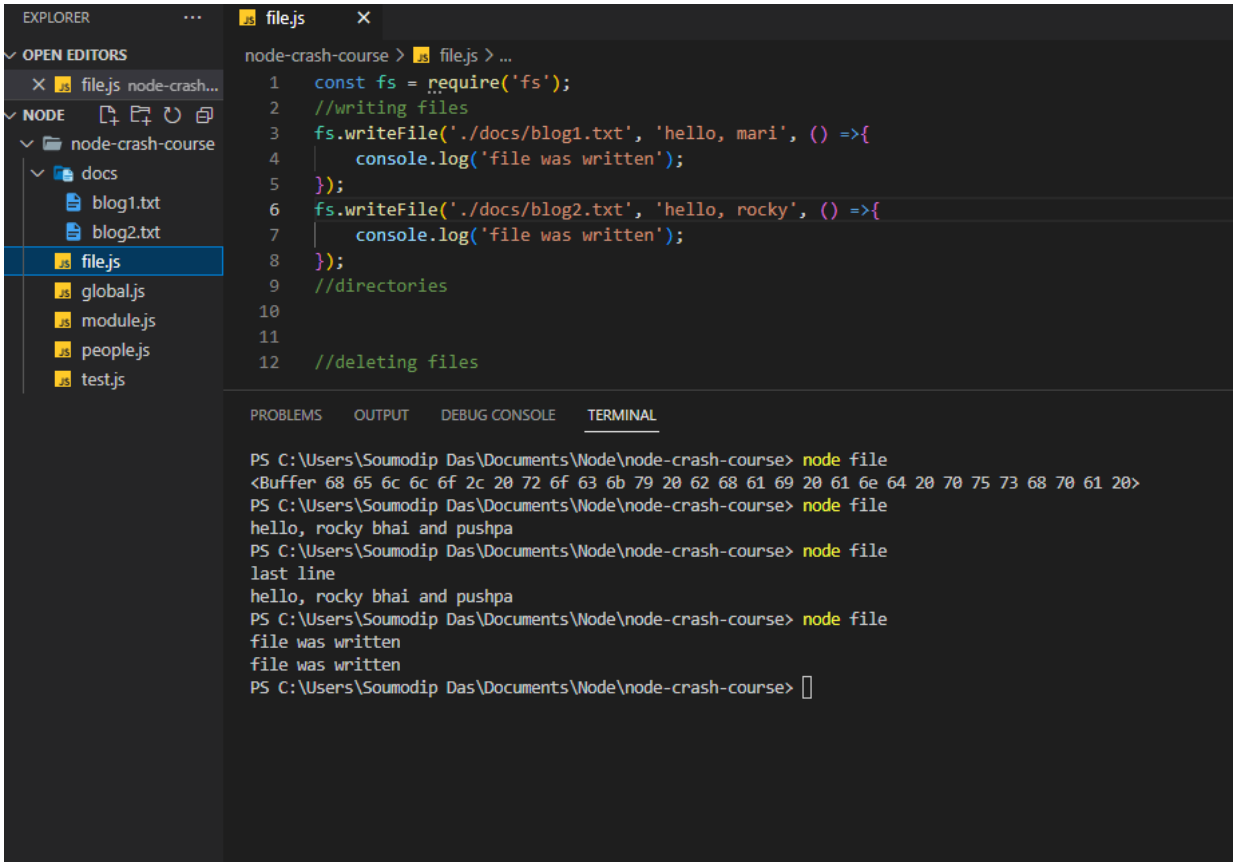
Modules & Require



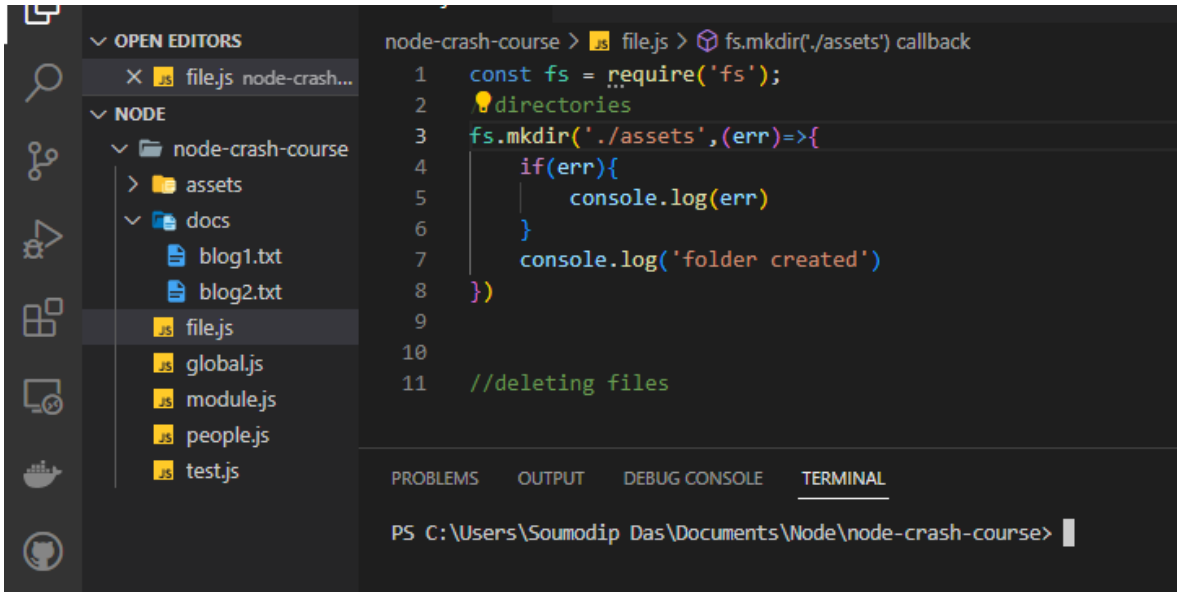


The File System

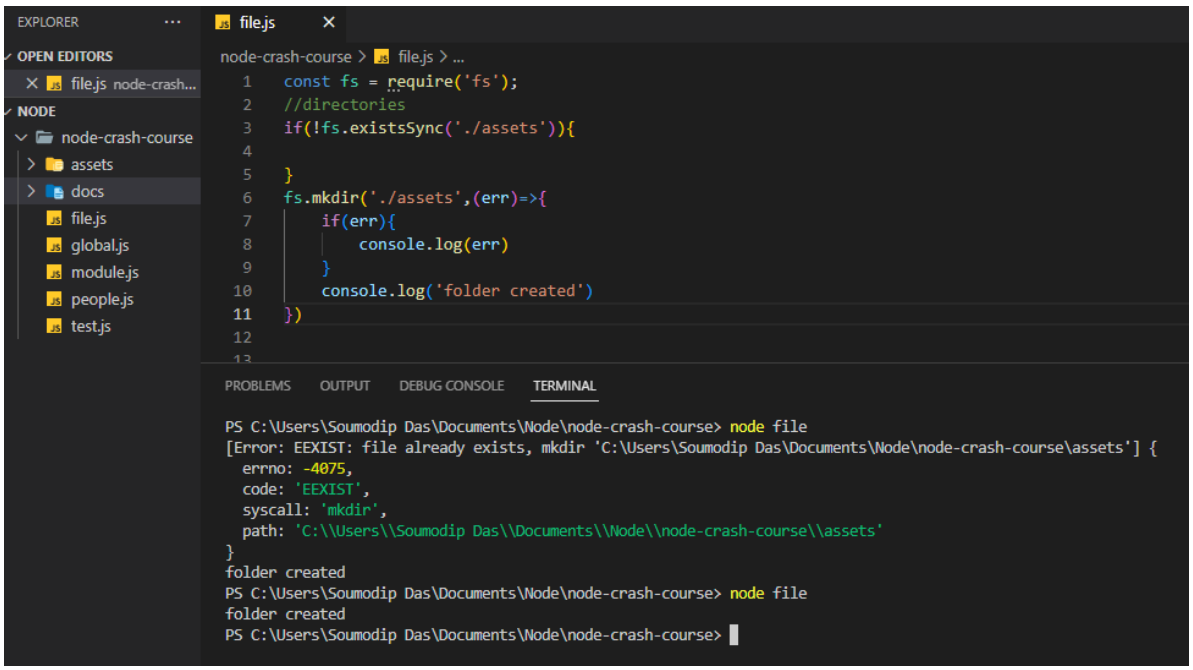


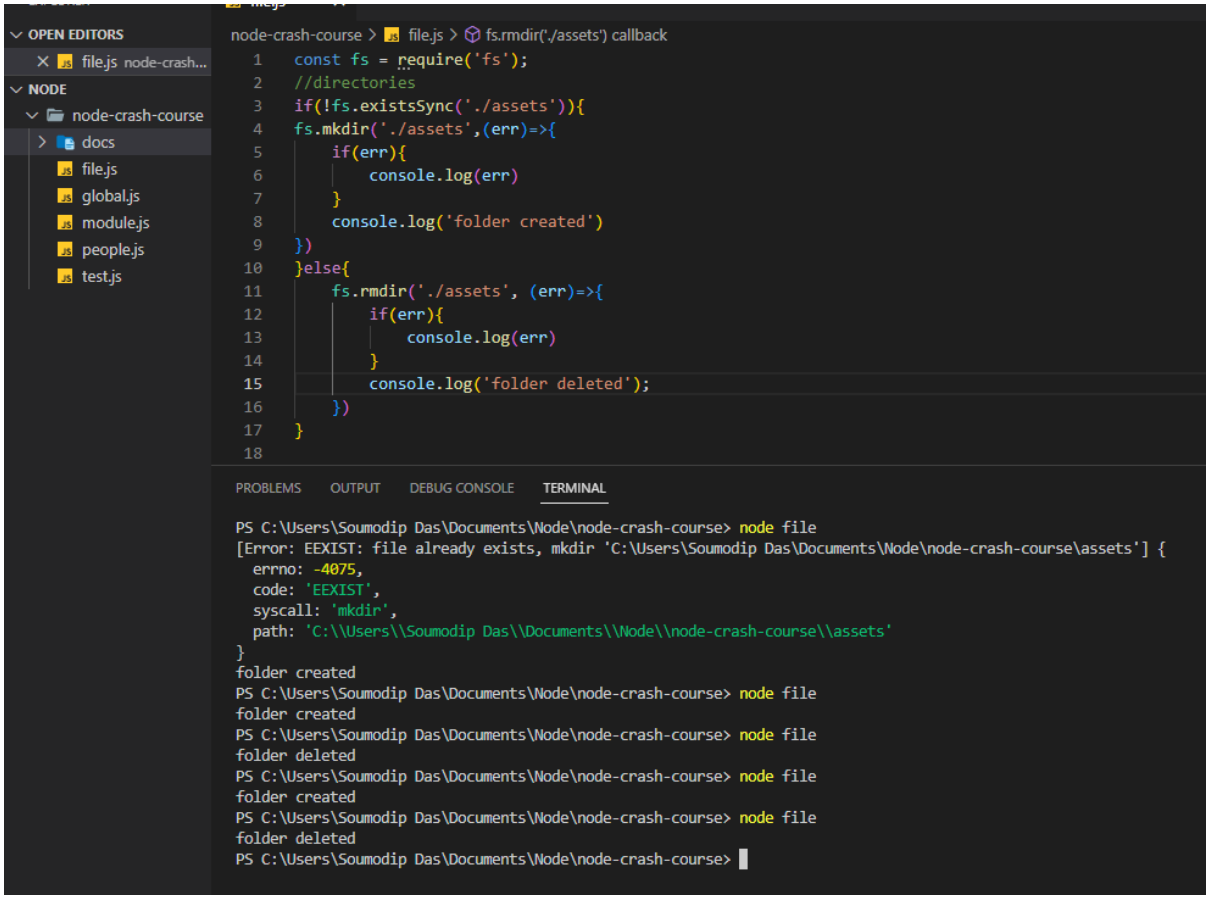


- **Blog2 automatically created in docs**

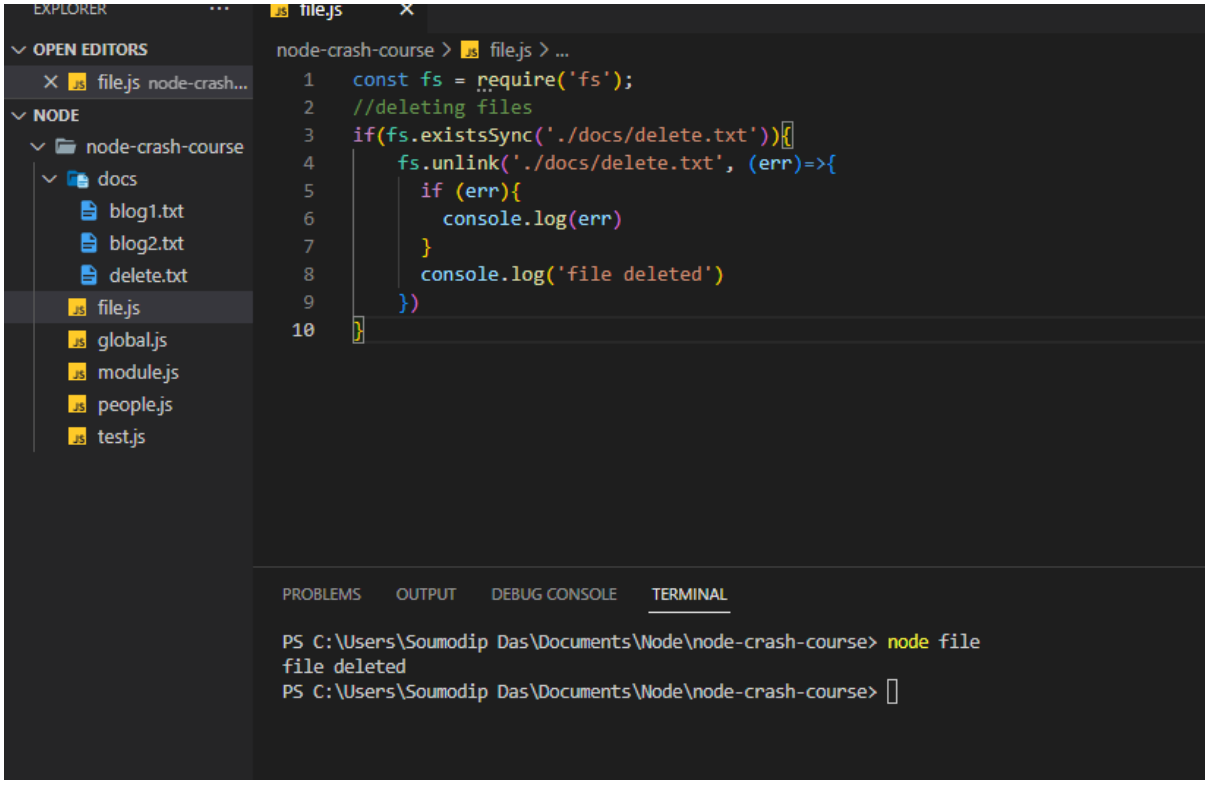


- **We can see a new folder name assets has been created**

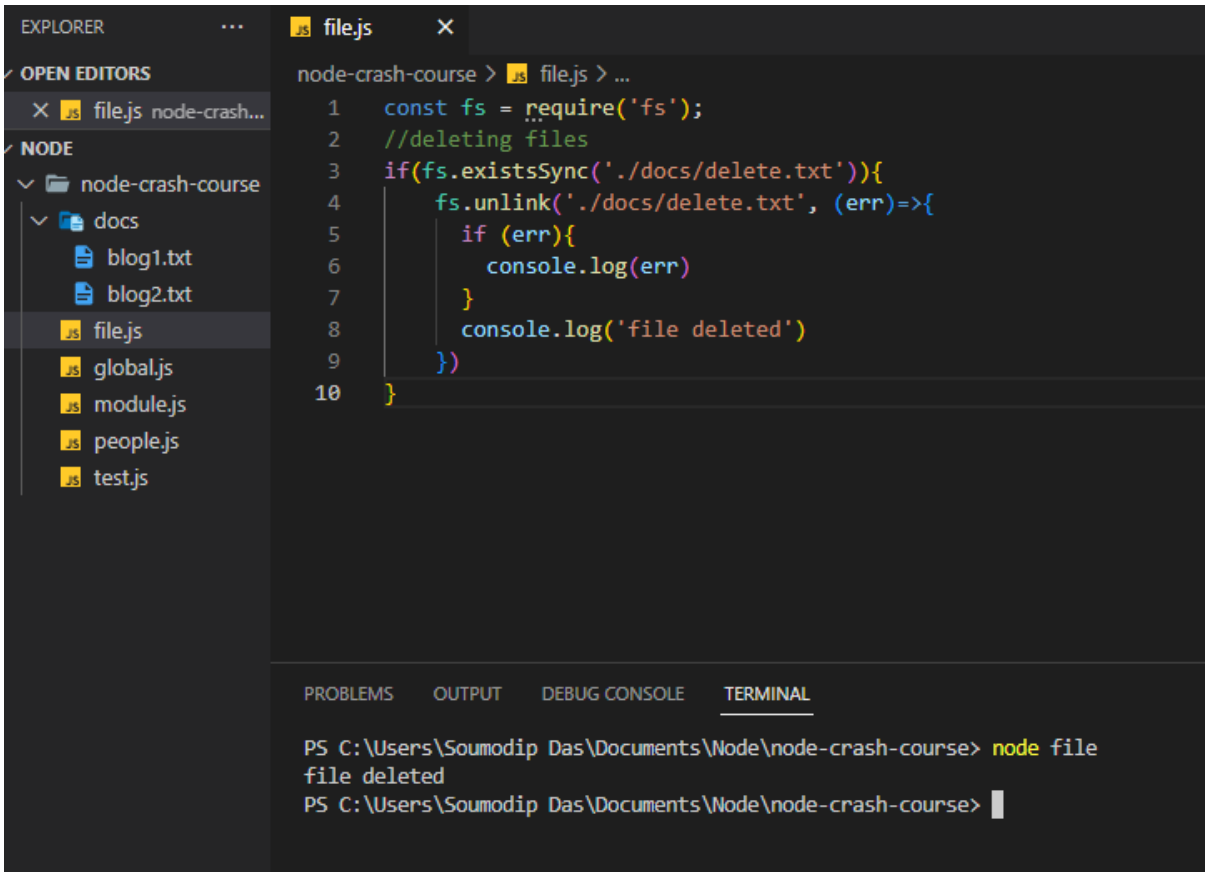




- **First assets was deleted , then if we again say node files, then the assets file has been again created**

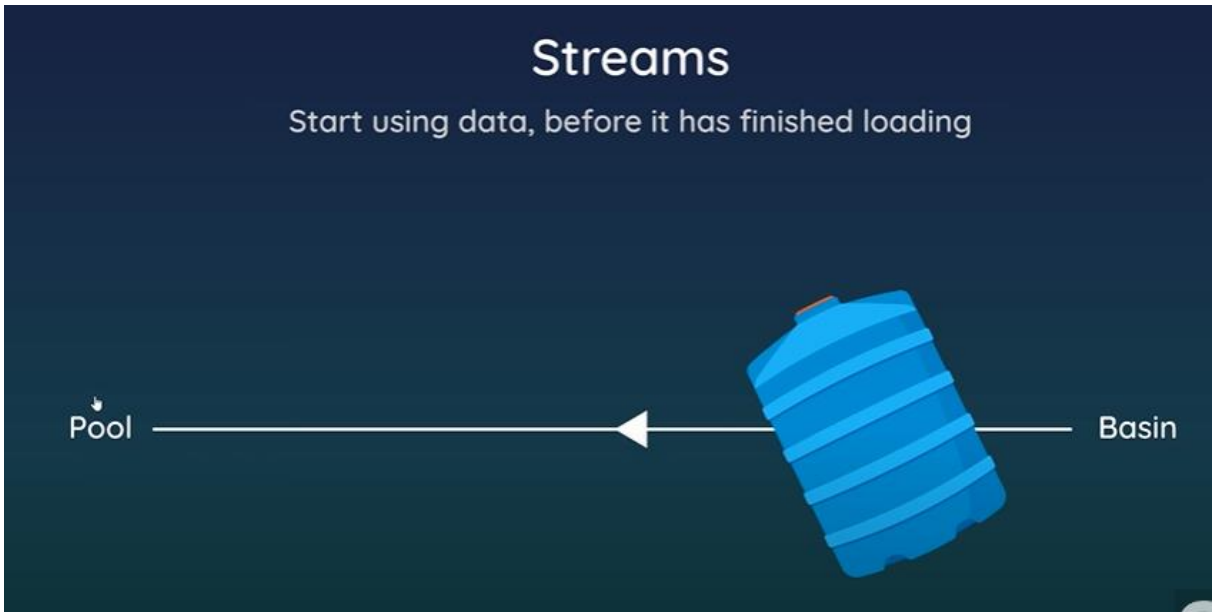


- **If we run node file then delete.txt file will be deleted.**

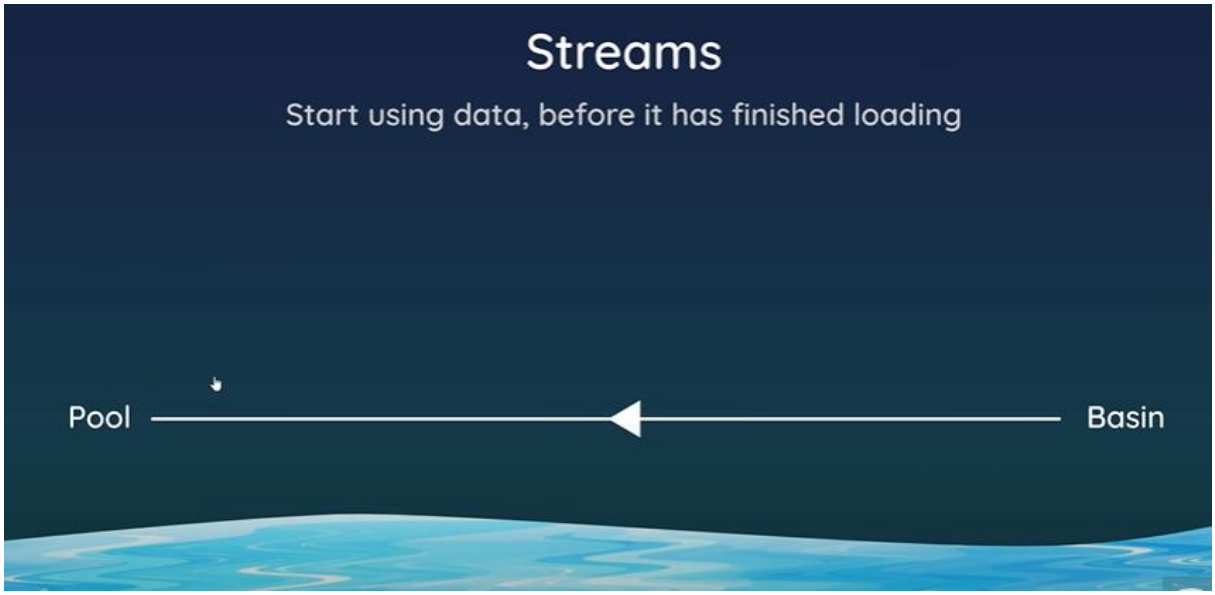


Streams & Buffers

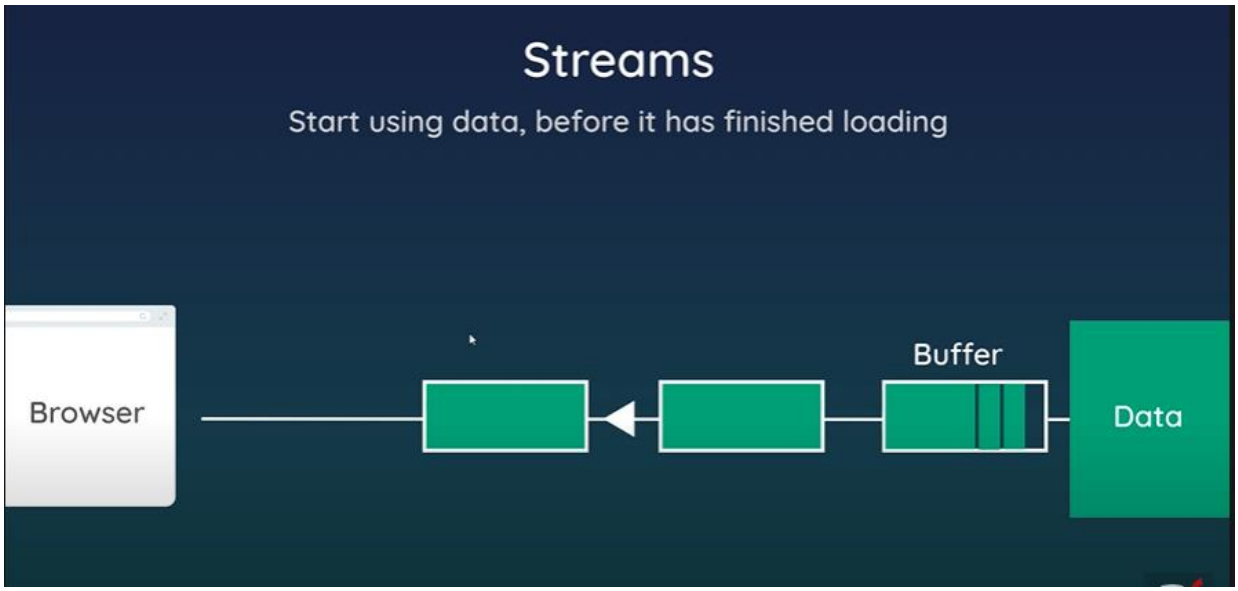
1st Option



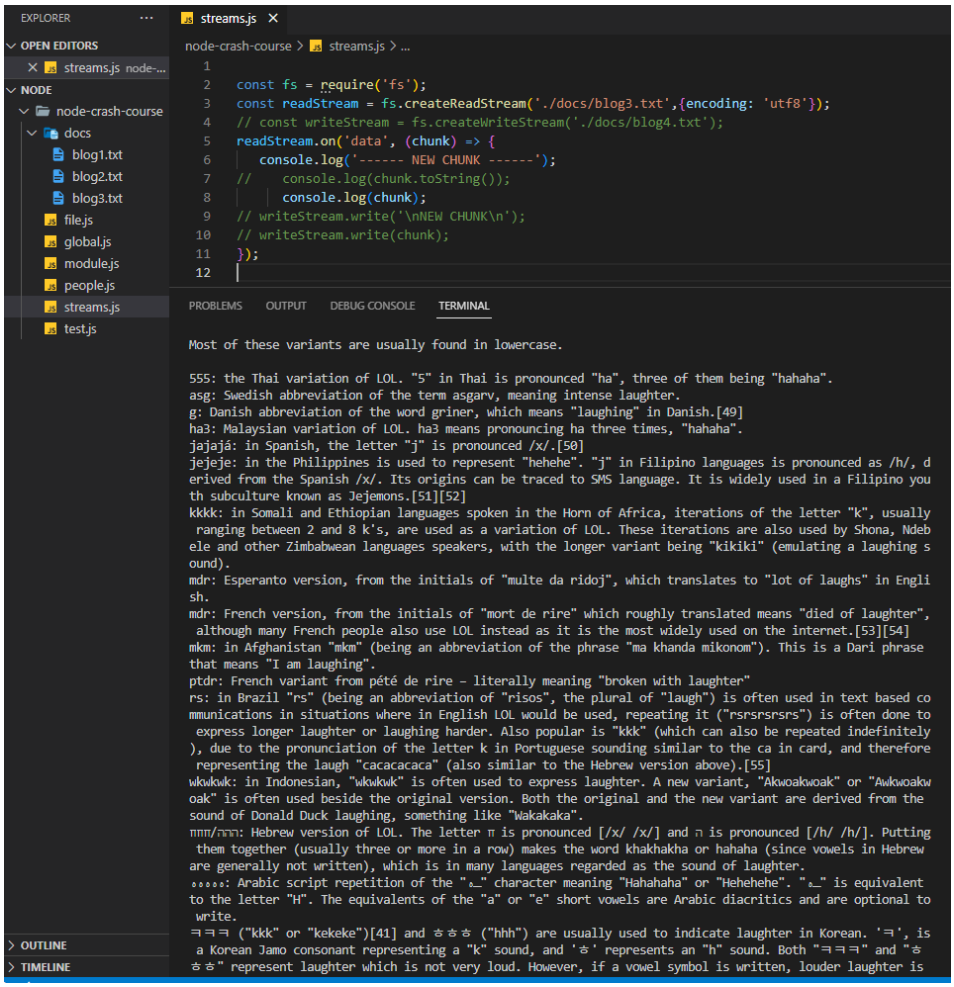
2nd Option



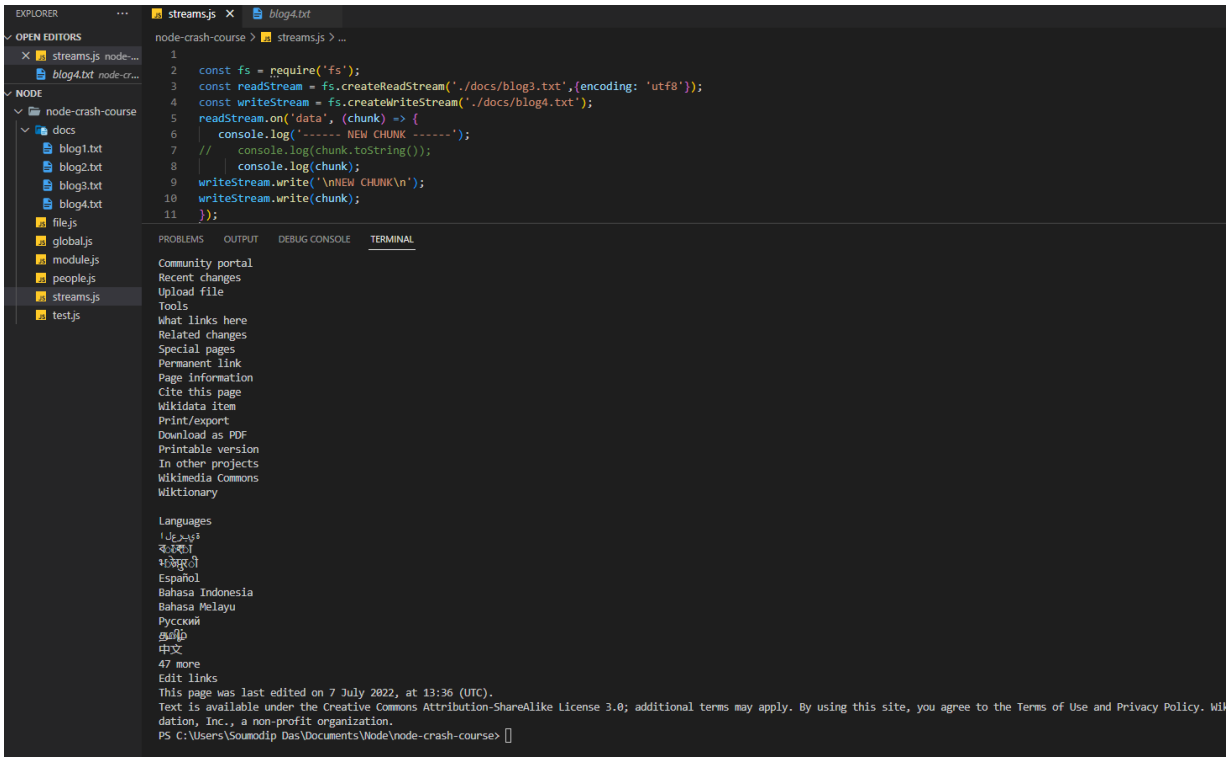
- **Same like data and browser**



- **For Read Stream**



- **For Write Stream**



- **We can see that a new txt file named blog4 has been created.**