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CS 81

December 3, 2017

Assignment 11

Problem #1: Submit Text/Word file

Write a short explanation of what is Node.js and how is it related to JavaScript. Min 50 words

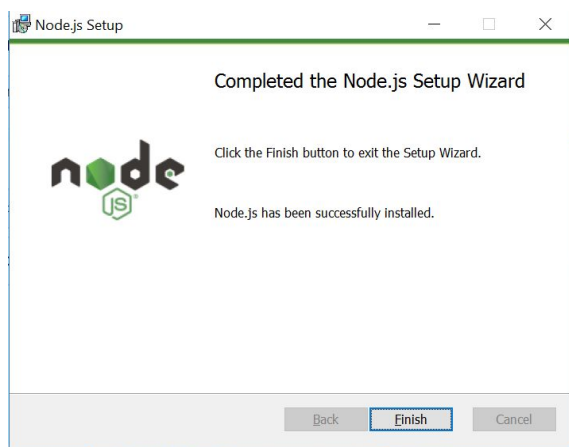
Node.js is a coding environment for Google Chrome's Javascript runtime. It includes a javascript library, and executes files quickly and efficiently.

Node.js has a downloadable package that can run files written in Javascript, helping with code development. It is event-driven, contributing to its speed and scalability. It is a tool used across the industry for various application development projects.

Problem #2: Submit Screenshots

Setup a Node.js environment on your local computer. Download and install the Node.js from <https://nodejs.org/en/> (Links to an external site.)Links to an external site..

Tip: https://www.tutorialspoint.com/nodejs/nodejs_environment_setup.htm (Links to an external site.)Links to an external site.



Problem #3: Submit file websvr.js

Using Node.js http module, write a Node.js script that starts a simple HTTP Server. The HTTP server should run on port 8001, and writes back to client:

1. `response.writeHead(200, {'Content-Type': 'text/html'});`
2. `response.write('Hello World, my name is John Smith'); //Fill in your name`

Submit: Create a Unit11 GitHub Repository. Upload Unit 11 Assignment to Unit11 Repository. Submit URL to Repository to Canvas.

Attached file to GitHub separately - websvr.js