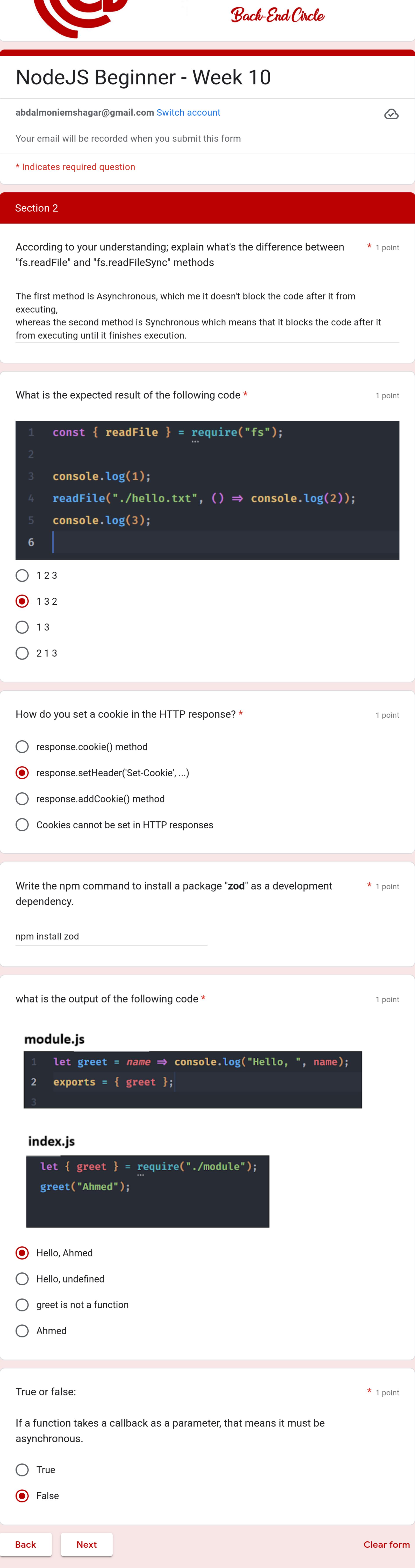


NodeJS Beginner - Week 10 abdalmoniemshagar@gmail.com Switch account \odot Your email will be recorded when you submit this form * Indicates required question Section 1 Select all statements that correctly describes nodejs * 1 point nodejs is open-source and maintained by contributors from all over the world nodejs is multi-threaded nodejs is a stand alone programming language nodejs does not depend on the OS which means it can operate on linux, macOS, and windows nodejs provides a runtime environment outside the browsers, this makes it possible to build back-end application using JavaScript code. what does the "this" keyword refer to in the browser / nodejs * 1 point document object / global object window object / document object window object / global object document object / window object In Node.js, you don't have access to the WebAPIs (e.g. window, DOM) * 1 point True False Which module in Node.js is used for handling file paths? * 1 point fs path url http you have an application that requires heavy CPU operations. is it convenient 2 points to choose nodejs or consider another alternative, and why? No, it's better to consider another alternative, because Nodejs is efficient in I/O intensive applications, but it's bad at CPU intensive tasks because these tasks run on the event loop which runs on a single thread. How to use EcmaScript Modules inside a Node.js project? * 1 point using the .mjs extensions for the EcmaScript Modules, or type:"module" in the package.json Back Next Clear form

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* Indicates required question

Coding Task

your task is to implement a cloud calculator using the HTTP module *

7 points

the request url form will be: /[operation]?a=[num1]&b=[num2]

the calculator must have the following operations

add: send a + b

subtract: send a - b

multiply: send a * b

divide: send a / b

example:

http://localhost:3000/add?a=3&b=6

response => 9

Upload your solution to GitHub and provide the repo URL below

https://ideone.com/Vr82uL

Mini Project

* 10 points

Create a Node.js CLI application that uses GitHub API to get the repositories of a single user.

The application should take the username from the user input in the console, then call GitHub API to get the repositories of this user. Then store the repository names in a file "USERNAME.txt".

GitHub API Endpoint:

https://api.github.com/users/USERNAME/repos

Upload your solution to GitHub and provide the repo URL below

Note: Don't forget to add node_modules to .gitignore file

https://ideone.com/37RIGM

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