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Module 1 - Graded Quiz

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Graded Quiz due Dec 9, 2023 03:13 IST Completed

Question 1

1/1 point (graded)

What is an API?

- ☐ A framework which dictates the architecture of your program and controls the program flow
- ☐ A version control system used to manage your code
- ☐ A practice for dev-ops teams enabling developers to deliver frequent changes reliably
- ☒ Code that works with data and provides a mechanism for software to access resources from the back-end



Submit

You have used 1 of 2 attempts

Question 2

1/1 point (graded)

When a user tries to login to a website, he/she gets an authentication failure error. Who do you think can fix this error? (Select **all** that apply)

☐ Front-end Developer

☒ Back-end Developer

☒ Full-stack Developer



Submit

You have used 1 of 2 attempts

Question 3

1/1 point (graded)

In addition to SQL, which tool can help you access databases?

☐ npm

☒ ORM

☐ pip

☐ CI/CD



Answer

Correct:

ORM (object-relational mapping) tools can be used to connect to a database and retrieve the correct data, and can hide some of the complexity of querying databases

Submit

You have used 1 of 2 attempts

Question 4

1/1 point (graded)

Build automation can automate which of the following tasks? (Select ***all*** that apply)

☐ Compiling binary code into source code

☒ Running tests and deployment to production systems

☒ Downloading dependencies

☒ Packaging binary code



Submit

You have used 1 of 2 attempts

Question 5

1/1 point (graded)

A user has complained that the website is readable on desktop but not on mobile. Who can help solve this problem?

☐ Back-end Developer

☒ Front-end Developer



Submit

You have used 1 of 2 attempts

Question 6

1/1 point (graded)

Which of the following describe a **package manager**? (Select ***all*** that apply)

☒ A way to distribute your pre-packaged application(s)

☐ Contains application files, instructions for installation, and metadata

☒ Takes care of finding, installing, maintaining or uninstalling software packages



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You have used 1 of 2 attempts

Question 7

1/1 point (graded)

Which of the following adds interactivity and dynamic content to a website?

☐ Git

☒ JavaScript

☐ CSS

☐ HTML



Submit

You have used 1 of 2 attempts

Question 8

1/1 point (graded)
Which of these is an open-source server side platform built on the Google Chrome JavaScript engine and uses an asynchronous single threaded architecture that allows it to serve a very large number of concurrent connections?

☐ Flask

☒ Node.js

☐ React JS

☐ Angular



Answer
Correct:
Node j.s is an open source server side platform built on the Google Chrome JavaScript engine. It uses an asynchronous single threaded architecture that allows it to serve a very large number of concurrent connections.

Submit

You have used 1 of 2 attempts

Question 9

1/1 point (graded)
Which of the following frameworks and libraries are used for front-end? (Select **all** that apply)

☒ Vue.js

☒ React.js

☒ Angular

☐ Express

☐ Node.js



Answer
Correct:
Vue.js is a **front-end framework** focused on building user interfaces
React.js is a **front-end JavaScript library** that builds and renders components for a web page
Angular is a **front-end framework** that allows websites to render HTML pages quickly and efficiently. It has built in tools for routing and form validation.

efficiently. It has built-in tools for routing and form validation.

Express is a **back-end framework** for Node.js, designed for building web applications and APIs. Node.js is a **back-end JavaScript** runtime environment, designed to build scalable network applications, which executes JavaScript code outside a web browser.

Submit

You have used 1 of 2 attempts

Question 10

1/1 point (graded)

Which of the following is **NOT** a required skill for a front-end developer?

☐ JavaScript

☐ CSS

☒ Java

☐ HTML



Submit

You have used 1 of 2 attempts



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