Welcome to the Node.js CRUD (Create, Read, Update, Delete) examination. This examination is designed to assess your ability to build a basic CRUD application using Node.js.

To complete this examination, you should have a basic understanding of Node.js, Express.js, and MongoDB. You should also be familiar with RESTful APIs and CRUD operations.

Here are the instructions for completing this examination:

1. Fork and clone the repository provided.

2. Create a MongoDB database for the application.

3. Create a Node.js and Express.js server that listens on a specified port.

4. Create a RESTful API that allows users to:

• Create new data in the database

• Read data from the database

• Update existing data in the database

• Delete data from the database

5. Write tests for the API using a testing framework of your choice.

6. Commit and push your code to the repository.

Here are some additional guidelines for completing the examination

• Use best practices when writing your code, such as modularizing your code, error handling, and code comments.

• Use appropriate HTTP status codes for responses.

• Use environment variables for configuration (e.g., database connection string, port number, etc.).

• Ensure that your code is well-structured and easy to read.

• Use meaningful variable names and function names.

• Use a consistent coding style.

• Write concise and effective tests.