NodeJS Assignment

Assignment Questions

1. Write a Node.js program that creates a simple HTTP server. When a client sends a request to the server, the server should respond with a "Hello, Students!" message.

2. Write a Node.js program that reads content from a file named "input.txt" and writes the content to a new file named "output.txt".

3. Write a Node.js program that creates an HTTP server and handles different routes. The server should respond with "Hello, World!" for the root route ("/") and "Page Not Found" for any other route.

4. Write a Node.js program that uses the OS module to retrieve information about the current operating system.

5. Write a Node.js program that uses the Path module to manipulate file paths.

6. Create a command-line Node.js program that simulates a basic calculator. The program should allow users to perform addition, subtraction, multiplication, and division operations on two numbers.