Assignment 1:

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Subject: Node & ReactJS Development
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Repo link: https://github.com/Dipanshudk46/node-js-assignment-1

Question 1: Steps for Downloading and Installing Node.js on Windows

Aim:
To download and install Node.js on a Windows system.

Steps:

1. Open your web browser and go to https://nodejs.org.
2. You will see two versions:
    - **LTS (Long Term Support)** → Recommended for most users.
    - **Current** → Latest features but not always stable.
      Choose **LTS**.
3. Download the **Windows Installer (.msi)** file.
4. Run the installer:
    - Click **Next**.
    - Accept the license agreement.
    - Click **Next**.
    - Choose the installation folder (default: C:\Program Files\nodejs).
    - Keep all default options checked.
    - Click **Install**.
5. After installation, open **Command Prompt** or **VS Code Terminal**.
6. Type the following commands to check installation:

```
node -v
npm -v
```

node -v shows the installed Node.js version.

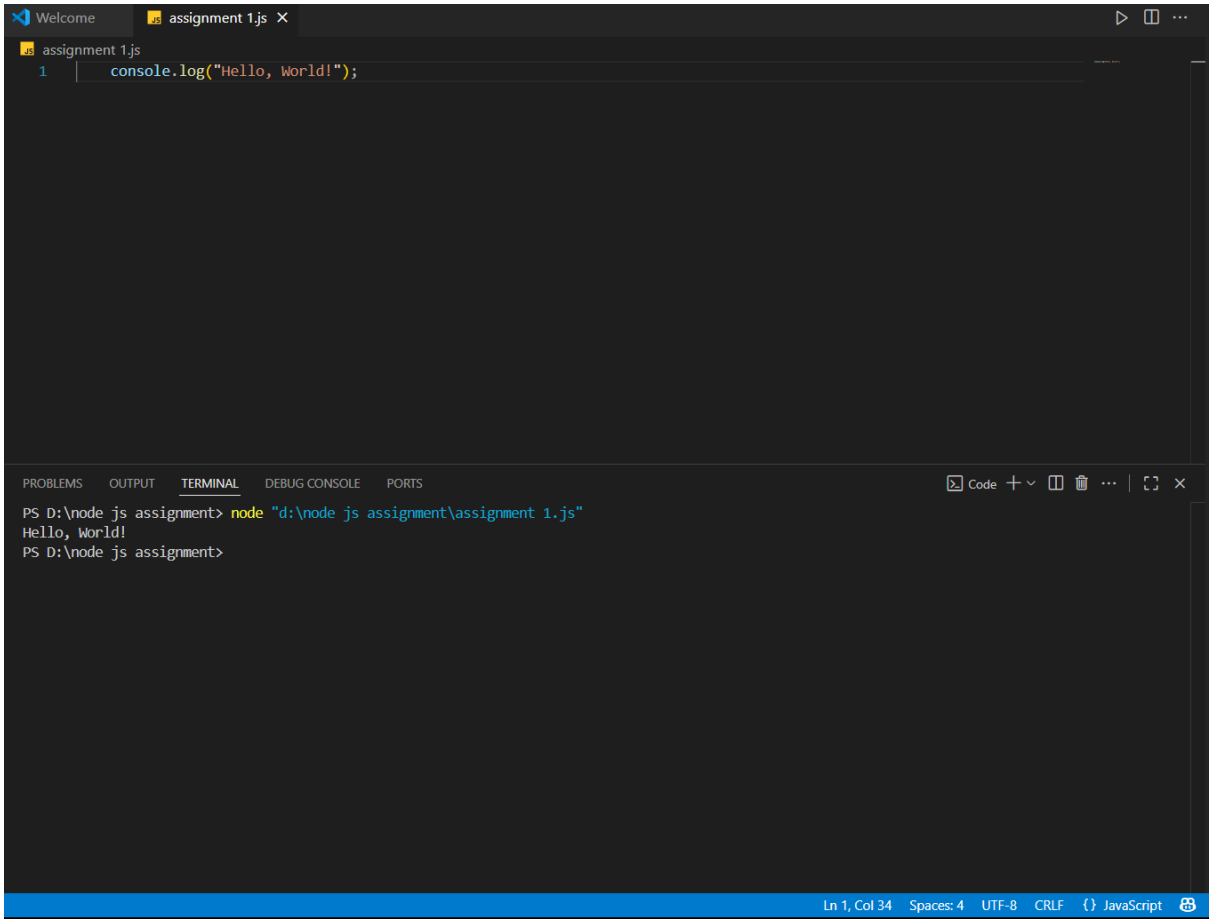
npm -v shows the installed Node Package Manager version

Conclusion:
Node.js and npm are successfully installed on Windows and ready to use.

Question 2: Create File with First Name and Student ID and Print Hello World

Steps:

1. Open VS Code.
2. Create a new file named:
3. Write the following code:

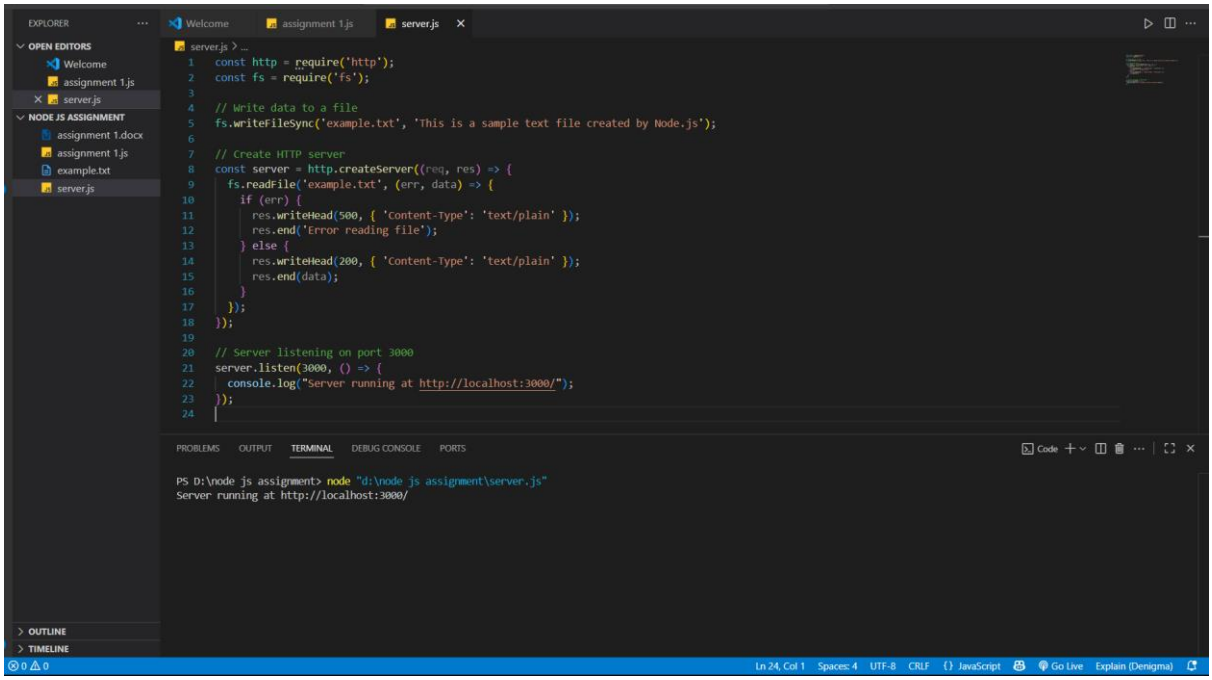


4. • Save the file.
5. • Run in terminal: node assignment 1.js

Q3: Create a Basic HTTP Server and Perform File Read/Write

Steps:

1. Open VS Code.
2. Create a file named: server.js
3. Write the following code:



4. Run in terminal: node server.js
5. Open your browser and go to: http://localhost:3000/