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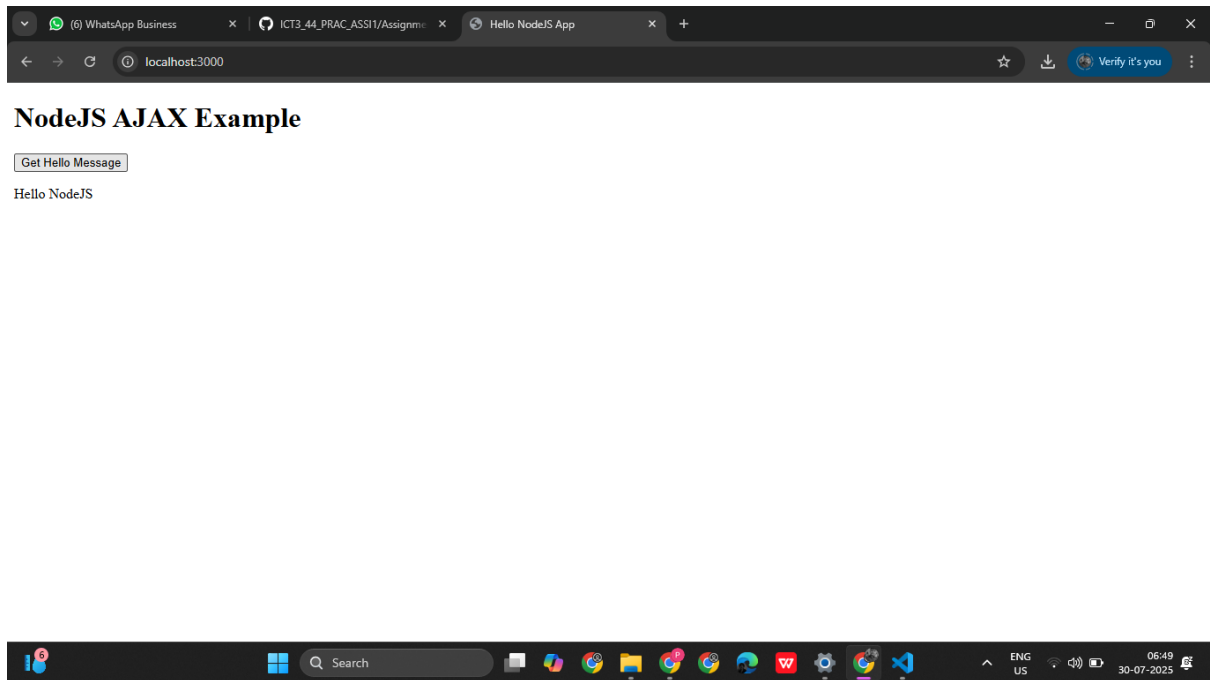
Roll No : 44

Course : MSC ICT - sem 3

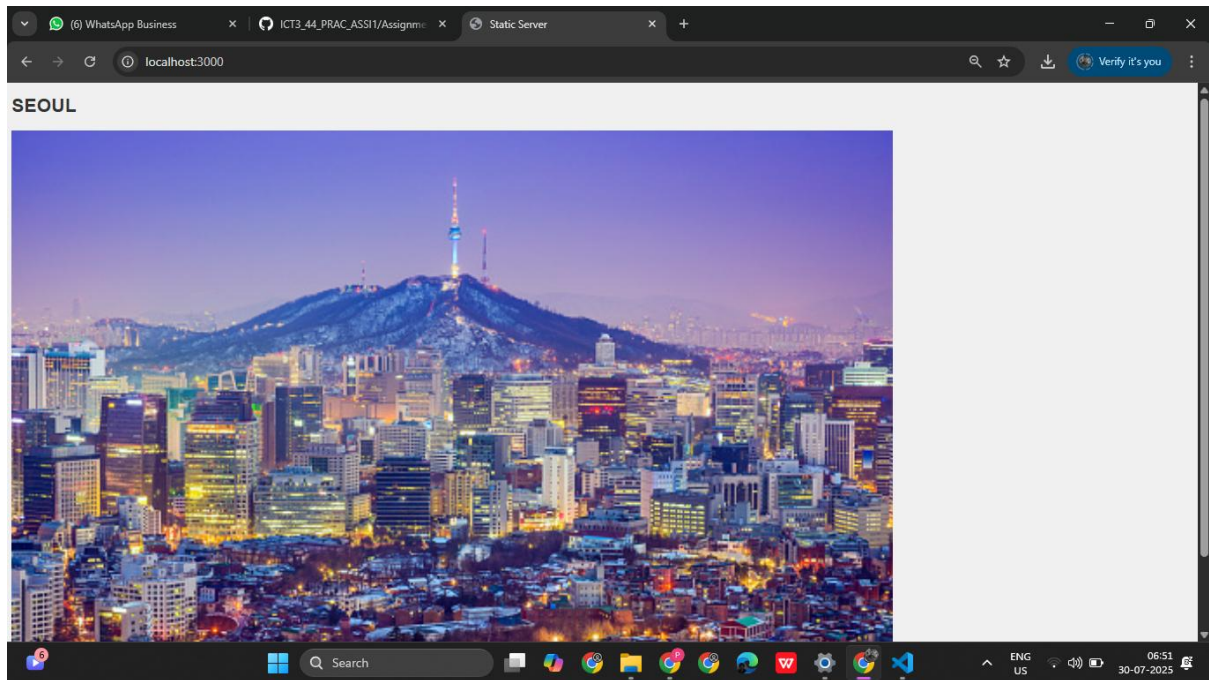
Subject : Web Development using Node.js and  
PHP Practical Assignment – 1

Submission : 29 July, 2025

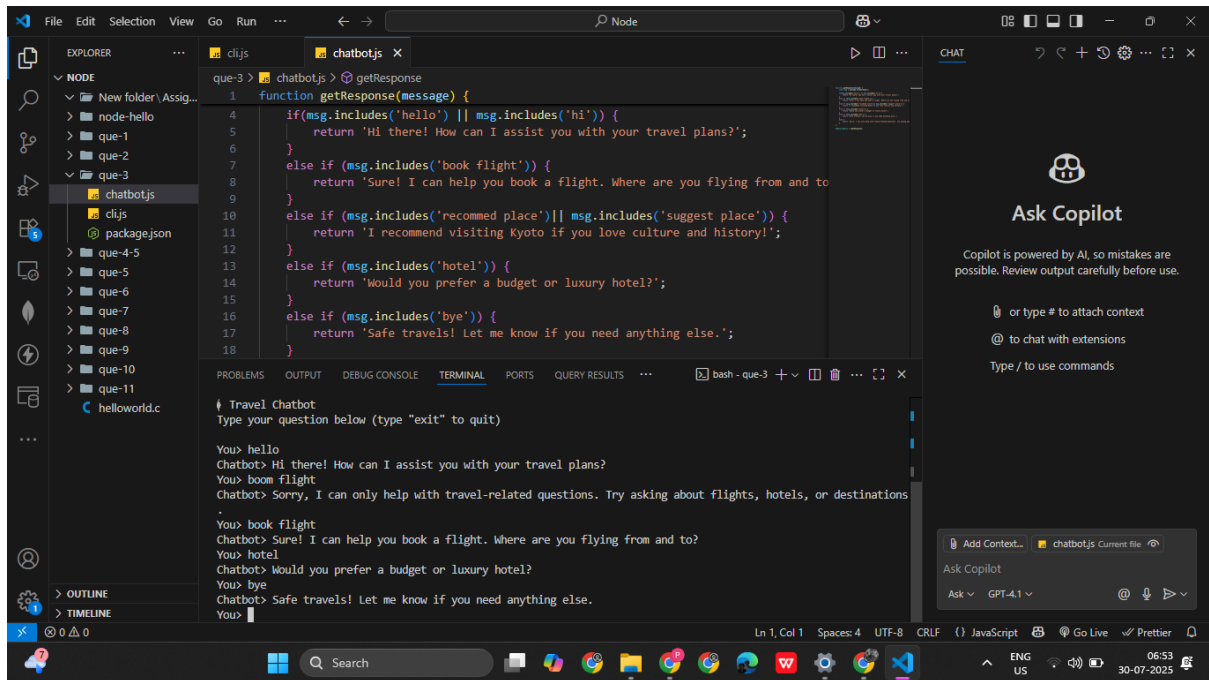
# QU1 :



## Que2 :



## Que3 :



The screenshot shows the Visual Studio Code editor with a file named `chatbot.js` open. The script defines a `getResponse(message)` function that uses `if` statements to respond to various user inputs. The terminal window shows the output of running the script, displaying a chatbot interface where the user can interact with the chatbot by typing messages.

```
1 function getResponse(message) {
2   if(msg.includes('hello') || msg.includes('hi')) {
3     return 'Hi there! How can I assist you with your travel plans?';
4   }
5   else if (msg.includes('book flight')) {
6     return 'Sure! I can help you book a flight. Where are you flying from and to?';
7   }
8   else if (msg.includes('recomm place') || msg.includes('suggest place')) {
9     return 'I recommend visiting Kyoto if you love culture and history!';
10  }
11  else if (msg.includes('hotel')) {
12    return 'Would you prefer a budget or luxury hotel?';
13  }
14  else if (msg.includes('bye')) {
15    return 'Safe travels! Let me know if you need anything else.';
16  }
17 }
18
```

**Terminal Output:**

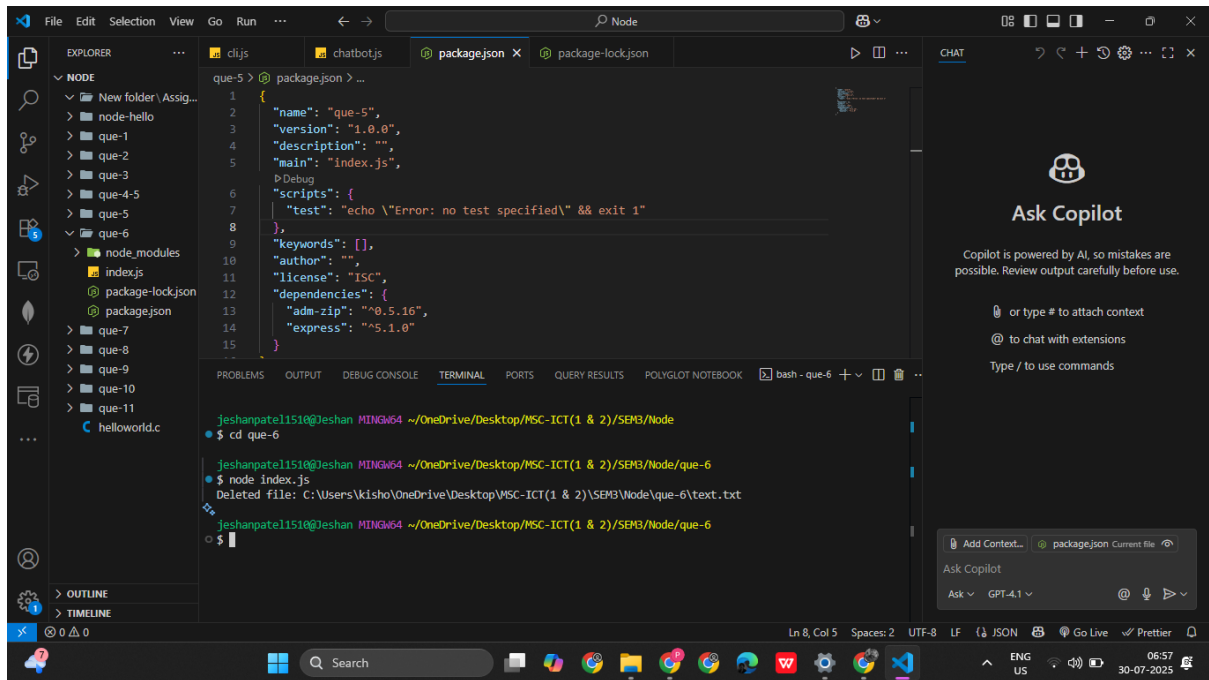
```
Travel Chatbot
Type your question below (type "exit" to quit)

You> hello
Chatbot> Hi there! How can I assist you with your travel plans?
You> book flight
Chatbot> Sorry, I can only help with travel-related questions. Try asking about flights, hotels, or destinations
You> hotel
Chatbot> Sure! I can help you book a flight. Where are you flying from and to?
You> bye
Chatbot> Would you prefer a budget or luxury hotel?
You>
Chatbot> Safe travels! Let me know if you need anything else.
You>
```

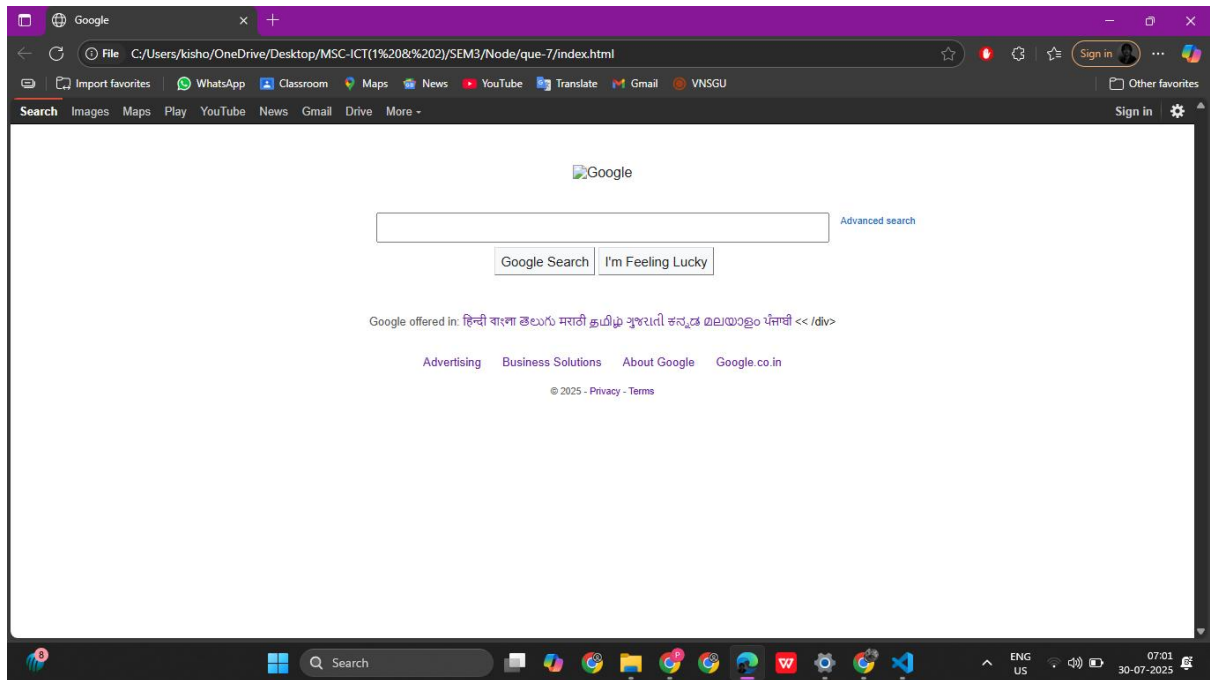
**Chatbot Logic:**

- If the message includes 'hello' or 'hi', respond with 'Hi there! How can I assist you with your travel plans?'.
- If the message includes 'book flight', respond with 'Sure! I can help you book a flight. Where are you flying from and to?'.
- If the message includes 'recomm place' or 'suggest place', respond with 'I recommend visiting Kyoto if you love culture and history!'.
- If the message includes 'hotel', respond with 'Would you prefer a budget or luxury hotel?'.
- If the message includes 'bye', respond with 'Safe travels! Let me know if you need anything else.'.

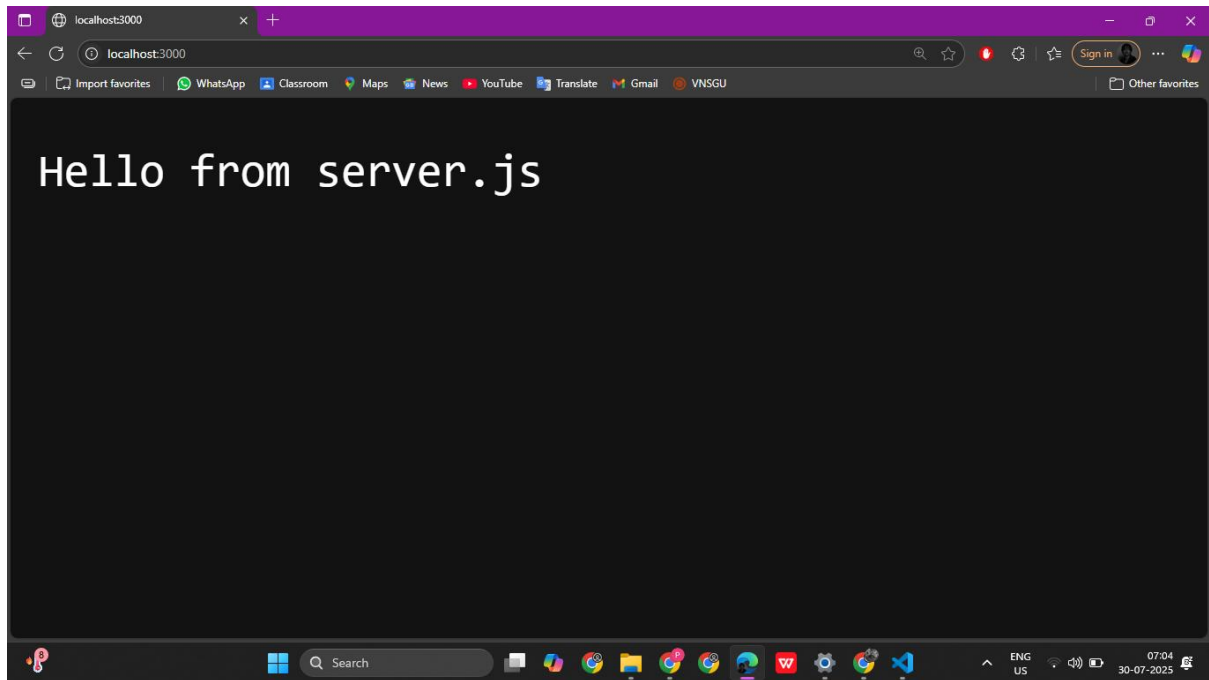
## Que6 :



## Que 7 :



## Que 8 :



## Que 9:

```
1 Anneyong !,this is some sample text!
2 Appending a new line.
```

```
jeshanpatel1518@jeshan MINGW64 ~/OneDrive/Desktop/MSC-ICT(1 & 2)/SEM3/Node/que-9
$ node server.js
File written successfully.
File contents: Anneyong !,this is some sample text!
Data appended successfully.
Updated file contents: Anneyong !,this is some sample text!
Appending a new line.
```

```
6 fs.writeFile(filePath, "Anneyong !,this is some sample text!", (err) => {
7   fs.readFile(filePath, 'utf8', (err, data) => {
8     fs.appendFile(filePath, "\nAppending a new line.", (err) => {
9       fs.readFile(filePath, 'utf8', (err, updatedData) => {
10        console.log('Updated file contents:', updatedData);
11      });
12    });
13  });
14 });
15
16 fs.unlink(filePath, (err) => {
17   if (err) {
18     return console.error('Error deleting file:', err);
19   }
20   console.log('File deleted successfully.');
```

```
jeshanpatel1518@jeshan MINGW64 ~/OneDrive/Desktop/MSC-ICT(1 & 2)/SEM3/Node/que-9
$ node server.js
File written successfully.
File contents: Anneyong !,this is some sample text!
Data appended successfully.
Updated file contents: Anneyong !,this is some sample text!
Appending a new line.
File deleted successfully.
```



## Que 10:

