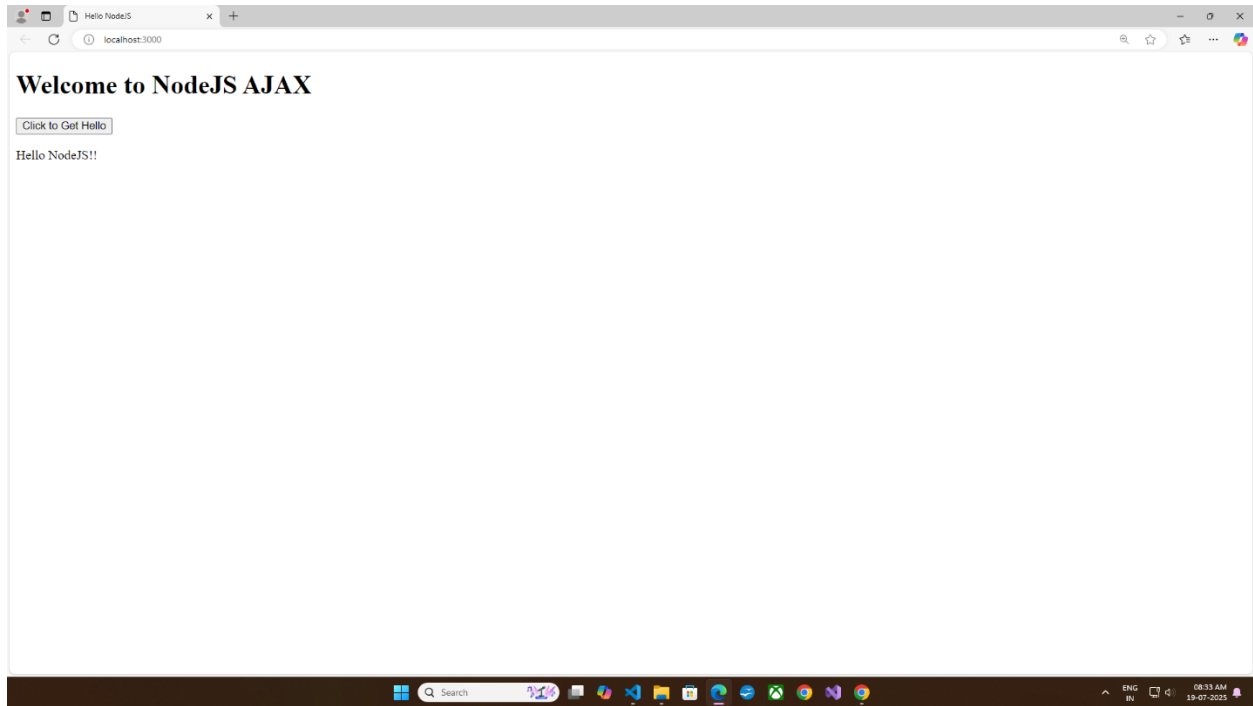
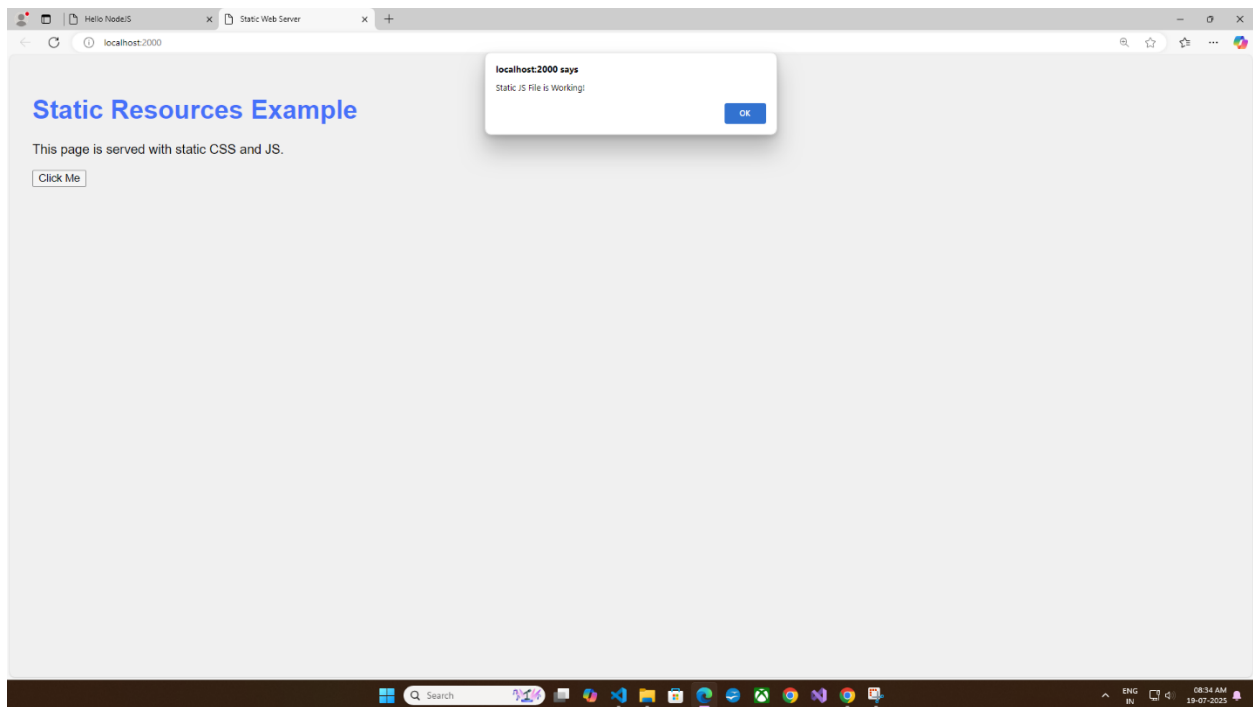


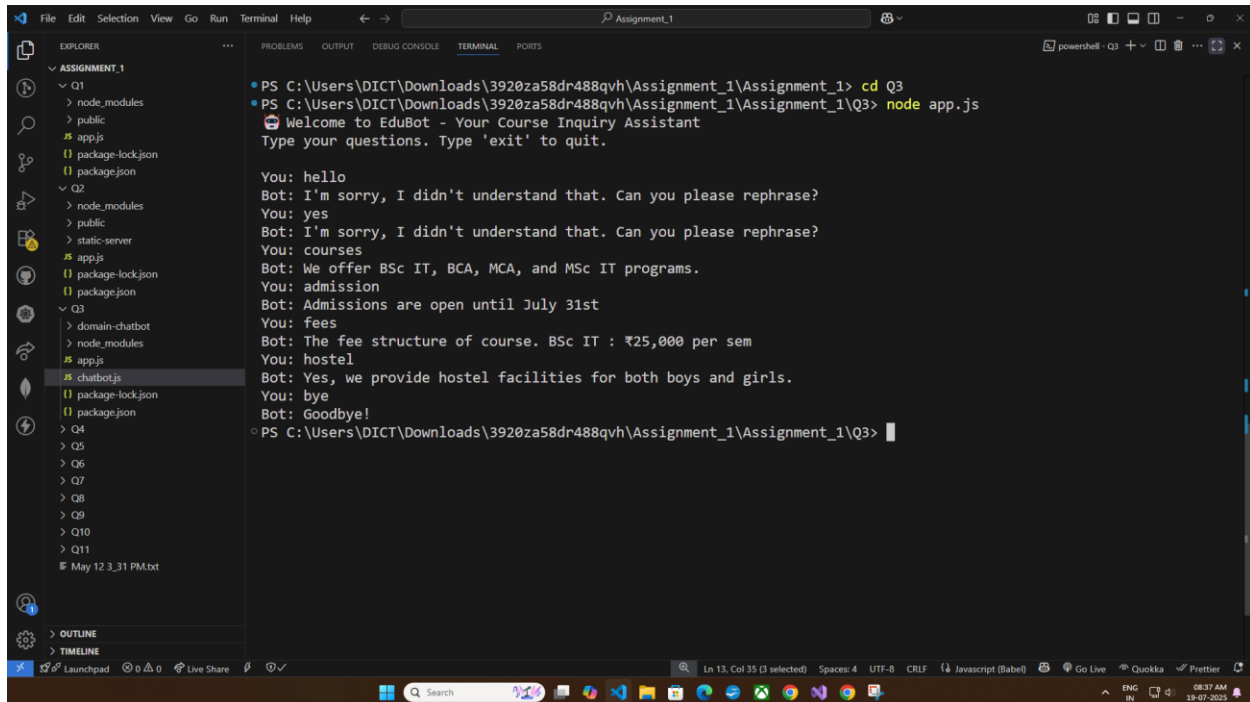
Q1.



Q2.



Q3.



```
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1> cd Q3
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q3> node app.js
Welcome to EduBot - Your Course Inquiry Assistant
Type your questions. Type 'exit' to quit.

You: hello
Bot: I'm sorry, I didn't understand that. Can you please rephrase?
You: yes
Bot: I'm sorry, I didn't understand that. Can you please rephrase?
You: courses
Bot: We offer BSc IT, BCA, MCA, and MSc IT programs.
You: admission
Bot: Admissions are open until July 31st
You: fees
Bot: The fee structure of course. BSc IT : ₹25,000 per sem
You: hostel
Bot: Yes, we provide hostel facilities for both boys and girls.
You: bye
Bot: Goodbye!
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q3>
```

Q4.

```
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q4> node compress
Zip created: C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q4\myfolder.zip (262 total bytes)
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q4>
```

Q5.

```
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q5> node extract
Extraction complete to: C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q5\extracted
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q5>
```

Q6.

```
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q6> node unlink-promisify
File deleted: hello.txt
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q6>
```

Q7.

```
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q7> node fetch-google
Fetched Google homepage content:

<!doctype html><html itemscope="" itemtype="http://schema.org/WebPage" lang="en-IN"><head><meta content="text/html; charset=
UTF-8" http-equiv="Content-Type"><meta content="/images/branding/googleg/1x/googleg_standard_color_128dp.png" itemprop="imag
e"><title>Google</title><script nonce="8PHWTRLzIMX6yJx2XK4F7g">(function(){var _g={KEI:'gBR7aMeREbiUseMP8sabmAk',kEXPI:'0,20
2792,26,36,2,3497465,1063,623872,9707,344796,290044,11106,5230576,32768933,4043709,25345988,20961,14110,65169,6756,23878,913
9,46
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q7>
```

Q8.

```
Q8 > {} package.json > {} devDependencies
1  {
2    "name": "nodeapp",
3    "version": "1.0.0",
4    "description": "Example Node.js App with custom scripts",
5    "main": "app.js",
6    "scripts": {
7      "server": "node app.js",
8      "test": "echo \"No test specified\" && exit 0",
9      "start:dev": "nodemon app.js",
10     "lint": "eslint .",
11     "clean": "rimraf dist"
12   },
13   "dependencies": {
14     "express": "^4.18.2"
15   },
16   "devDependencies": {
17     "nodemon": "^3.0.1",
18     "eslint": "^8.50.0",
19     "rimraf": "^5.0.5"
20   }
21 }
22
```

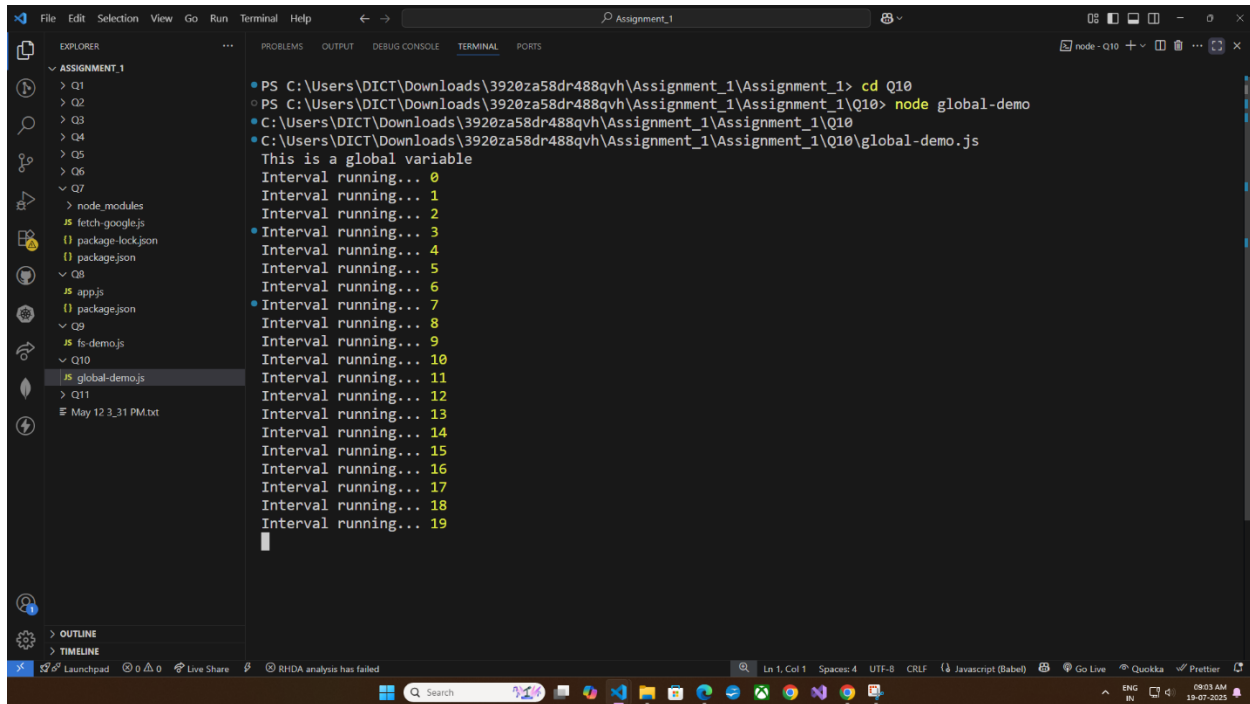
```
• PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q8> node app.js
  Server is running...
• PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q8> 
```

Q9.

```
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q8> cd ..
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1> cd Q9
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q9> node fs-demo
File written successfully.
Data appended successfully.
File content:
Hello, this is the first line.
This line was appended.

File renamed successfully.
File deleted successfully.
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q9> |
```

Q10.



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

```
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1> cd Q10
PS C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q10> node global-demo
C:\Users\DICT\Downloads\3920za58dr488qvh\Assignment_1\Assignment_1\Q10> global-demo.js
This is a global variable
Interval running... 0
Interval running... 1
Interval running... 2
Interval running... 3
Interval running... 4
Interval running... 5
Interval running... 6
Interval running... 7
Interval running... 8
Interval running... 9
Interval running... 10
Interval running... 11
Interval running... 12
Interval running... 13
Interval running... 14
Interval running... 15
Interval running... 16
Interval running... 17
Interval running... 18
Interval running... 19
```

The Explorer sidebar on the left shows the file structure of the project, including files like `fetch-google.js`, `package-lock.json`, `package.json`, `app.js`, `fs-demo.js`, `global-demo.js`, and `Q11`. The bottom status bar indicates the current file is `global-demo.js` and the editor is using the `JavaScript (Babel)` language.

Q11.

```
PS C:\Users\VP\Downloads\Assignment_1\Assignment_1\Q11> cd ..
PS C:\Users\VP\Downloads\Assignment_1\Assignment_1\Q11> npm login
npm notice Log in on https://registry.npmjs.org/
Login at:
https://www.npmjs.com/login?next=/login/cli/f38bcc74-de5d-4615-ae0a-be10db614152
Press ENTER to open in the browser...
Log_ Focus folder in explorer (ctrl + click) _s.org/.
PS C:\Users\VP\Downloads\Assignment_1\Assignment_1\Q11> npm publish
npm notice tirth-basic-cal@1.0.0
npm notice tarball Contents
npm notice 301B calc.js
npm notice 646B index.js
npm notice 295B package.json
npm notice Tarball Details
npm notice name: tirth-basic-cal
npm notice version: 1.0.0
npm notice filename: tirth-basic-cal-1.0.0.tgz
npm notice package size: 599 B
npm notice unpacked size: 1.2 kB
npm notice shasum: c346b67bf471226dcd26484453d90c2db76d25a9
npm notice integrity: sha512-jqq5+zKAXEpSR[...]dakV1PUM8cNq==
npm notice total files: 3
npm notice Publishing to https://registry.npmjs.org/ with tag latest and default access
+ tirth-basic-cal@1.0.0
PS C:\Users\VP\Downloads\Assignment_1\Assignment_1\Q11>
```

