

# Full stack development Practical

## End sem Mca

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### Question 1

```

Date _____

Practicals End Sem
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①
1 <html>
  <head>
    <title> Full Stack AngularJS </title>
  </head>

  <body>
    <h1> Practicals </h1>

    <div ng-app="" ng-init="countries=[{ locale: 'en-India',
      name: 'India' }, { locale: 'en-MY', name: 'Malaysia' },
      { locale: 'en-MT', name: 'Malta' }]">
      <p> Enter your Name: <input type="text" ng-model="name"> </p>
      <p> Hello <span ng-bind="name"> </span>! </p>
      <p> List of countries with locale: </p>

    </div>

    <li ng-repeat="country in countries">
      <div> { country: ' + country.name + ', locale: ' + country.locale + ' }
    </li>
  </ol>
</div>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.3.14/angular.min.js">
</script>
</body>
</html>

```

# Output—

---

## Practical

Enter your Name:

Hello, Laksh Rawat!

List of Countries with locale:

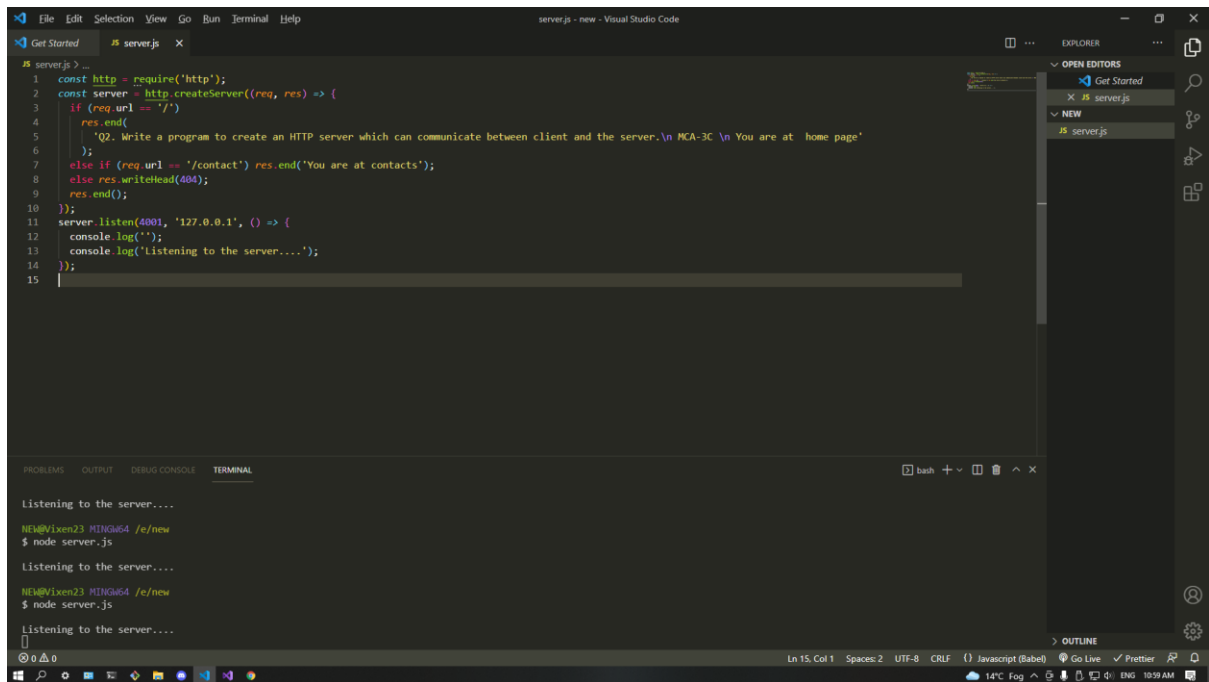
1. Country: India, Locale: en-India
2. Country: Malay, Locale: en-ms
3. Country: Maltese, Locale: en-mt\_MT

## Question 2-

Q2

```
const http = require('http');  
const server = http.createServer((req, res) => {  
  if (req.url === '/') res.end('You are at home page')  
  else if (req.url === '/contact')  
    res.end('You are at contacts')  
  else  
    res.writeHead(404)  
    res.end()  
})  
server.listen(4002, '127.0.0.1', () => {  
  console.log('listening to the server') })
```

# OUTPUT --



The screenshot shows the Visual Studio Code editor with a file named `server.js` open. The code in the editor is as follows:

```
1 const http = require('http');
2 const server = http.createServer((req, res) => {
3   if (req.url === '/')
4     res.end(
5       'Q2. Write a program to create an HTTP server which can communicate between client and the server.\n MCA-3C \n You are at  home page'
6     );
7   else if (req.url === '/contact') res.end('You are at contacts');
8   else res.writeHead(404);
9   res.end();
10 });
11 server.listen(4001, '127.0.0.1', () => {
12   console.log('');
13   console.log('Listening to the server....');
14 });
15
```

Below the editor, the TERMINAL panel is active, showing the following output:

```
Listening to the server....
NEM@Vivek23 MINGW64 /e/new
$ node server.js

Listening to the server....
NEM@Vivek23 MINGW64 /e/new
$ node server.js

Listening to the server....
|
```

The status bar at the bottom indicates the current file is `server.js`, line 15, column 1, using UTF-8 encoding with CRLF line endings. It also shows the active language is JavaScript (Babel) and the Go Live extension is active.

Q2. Write a program to create an HTTP server which can communicate between client and the server.  
MCA-3C  
You are at home page