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MCA 3 B   20712099

Full Stack Final Sem Practical

Q1. Write a program to create an item collection and clones the items using AngularJs directive

```html
<html>
<head>
<title> AngularJS directives </title>
</head>
<body>
<h1> Sample </h1>
<div ng-app = " " ng-init =" countries = [ { locale: 'en- India',
                                        name:' India'},
    { locale: "en-GB', name: 'United kingdom'},
    { locale: 'en-FR', name: 'France'}]">
    <p> Enter your Name: <input type= "text" ng-model="name">
                                                        </p>
    <p> List of Countries with locale: </p>
    <ol>
    < li ng-repeat=" country in countries >
        {{ 'country: ' + country.name + ', locale: '+
                                        country.locale }}
    </li>
    </ol>
    </div>
```

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

</script>
</body>
<html>
```

EXPLORER   ...   angular.html X

∨ NO FOLDER OPENED   C: > Users > asus > Desktop > ◇ angular.html > ⊘ html > ⊘ body > ⊘ div > ⊘ ol

You have not yet opened a folder.

```
 1    <html>
 2        <head>
 3            <title>AngularJS Directives</title>
 4        </head>
 5
 6        <body>
 7            <h1>Sample </h1>
 8
 9        <div ng-app = "" ng-init = "countries = [{locale:'en-India',name:'India'},
10            {locale:'en-GB',name:'United Kingdom'}, {locale:'en-FR',name:'France'}]">
11            <p>Enter your Name: <input type = "text" ng-model = "name"></p>
12            <p>Hello <span ng-bind = "name"></span>!</p>
13            <p>List of Countries with locale:</p>
14
15            <ol>
16                <li ng-repeat = "country in countries">
17                    {{ 'Country: ' + country.name + ', Locale: ' + country.locale }}
18                </li>
19            </ol>
20        </div>
21
22        <script src = "https://ajax.googleapis.com/ajax/libs/angularjs/1.3.14/angular.min.js">
23        </script>
24
25        </body>
26    </html>
```

Open Folder

Opening a folder will close all
currently open editors. To keep them
open, add a folder instead.

> OUTLINE

File | C:/Users/asus/Desktop/angular.html

Sample

Enter your Name: SHRISTI

Hello SHRISTI!

List of Countries with locale:

1. Country: India, Locale: en-India
2. Country: United Kingdom, Locale: en-GB
3. Country: France, Locale: en-FR

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Q2 Write a program to create an HTTP server which can communicate between client and server.

```
Var http = require ('http')
Var server = http.createServer (function (req, res)
{
Console.log ('request was made:' + req.url);
res.writeHead (200, { 'content-type': 'text/plain'});
res.end ('Shristi Kataria');
});
server.listen (3000, '127.0.0.1');
console.log ("Shristi server worked");
```

EXPLORER

JS Get Started   JS Ans1.js   ×   JS a1.js   JS ShristiANs1.js

∨ FULLSTACK_SHRISTI_KATA...

JS a1.js

JS Ans1.js

JS ShristiANs1.js

JS Ans1.js > [∅] server > ⊕ http.createServer() callback

```js
1    const http = require("http")
2    const server = http.createServer((req,res) =>{
3    if(req.url=="/")
4    res.end("You are at home page")
5    else if(req.url=="/contact")
6    res.end("You are at contacts")
7    else
8    res.writeHead(404)
9    res.end()
10   })
11   server.listen(4000,"127.0.0.1",()=>{
12   console.log("Shristi Kataria Listening to the server")
13   })
```

PROBLEMS   OUTPUT   TERMINAL

∨ DEBUG CONSOLE   ∨ TERMINAL   + ∨

                                                                  Session contents restored from 31/1/2022 at 10:4   ▷ node
                                                                  2:24 am   ▷ powershell
                                                                                                                         ▷ node
                                                                  Copyright (C) Microsoft Corporation. All rights r   ▷ powershell
                                                                  eserved.   ▷ powershell
                                                                                                                         ▷ powershell
                                                                  Try the new cross-platform PowerShell https://aka   ▷ powershell
                                                                  .ms/pscore6

                                                                  PS C:\Users\91883\OneDrive\Desktop\fullStack_Shri
                                                                  sti_Kataria_20712099> Node Ans1.js
                                                                  Shristi Kataria Listening to the server

> OUTLINE   >

⊗ 0 ⚠ 0   Ln 4, Col 32   Spaces: 4   UTF-8   CRLF   {} Babel JavaScript   ⊕ Go Live