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Course : MCA 'C'

Program 1 : Write a program to create an item collection
and clones the items using AngularJS
directives.

Index. js

```html
<!doctype html>
<html lang='en'>
<head>
<meta character ='UTF-8'>
<title> Program1 </title>
<link href = "animation css" rel-'stylesheet' type="text/css">
<script src='//code.angularjs.org/snapshot/angular.min.js'>
<script src='//code.angularys.org/snapshot/angular.animate.js>
</script>
<script src=" script.js"></script>
</head>
<body ng-app='ngRepeat'>
<div ng-controller ='repeatController>
<button ng-click ='removeFirst()'> Remove First </button>
<button ng-click=' updateAge()'> Update Age </button>
<button ng-click=' copy()'> Copy </button>
<br> <button ng-click ='reset()'> Reset List </button>

<br>
<code>track by $id (friend)</code> (default
```

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```
<ul class='example-animate-container'>
  <li class='animate-repeat' ng-repeat='friend in friends'>
    {{friend.name}} is {{friend.age}} years old.
  </li>
</ul>
<code>track by $id(friend)</code> default, with age
                                    one-time binding
<ul class="example-animate-container">
<li class="animate-repeat" ng-repeat="friend in friends
                track by friend.name">
    {{friend.name}} is {{::friend.age}} years old.
  </li>
</ul>
<code>track by $index</code>, with age one-time binding
<ul class="example.animate-container">
<li class="animate-repeat" ng-repeat="friend in
                friends track by $index">
    {{friend.name}} is {{::friend.age}} years old.
  </li>
</ul>
</div>
</body>
</html>
```

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→ **Script .js**

```javascript
(function(angular)
   {'use strict':
angular.module('ngRepeat'.[ngAnimate]).controller
     the ('repeatController'. function($scope)
   { var friends=[
      { name: 'Sandul', age: 21}
      { name: 'Ankit', age: 22}
   ];
$scope.updateAge= function(){
  $scope. friends. forEach (function(el)
     { el.age = el.age +5;
  });
};  $scope copy= function(){
   $scope. friends = angular. copy($scope. friends);
   };
   $scope.reset= function(){
   $scope. friends = angular. copy(friends);
  };
   $scope. reset();
});
}) (window. angular);
```

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Program2: Write a program to create an HTTP server which can communicate b/w client & server.

```
const http = require("http")
const server = http.createServer((req, res) => {
if (req.url == "/")
res.end("You came 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 graphic era server--
})
```

EXPLORER

<> ques1.html   JS ques2.js   X

PRACTICAL
- <> ques1.html
- JS ques2.js

JS ques2.js > ...

```javascript
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 graphic era server....")
})
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\FrostBite\Desktop\practical> node ques2.js
Listening to the graphic era server....

> OUTLINE

Ln 13, Col 3   Spaces: 4   UTF-8   CRLF   {} JavaScript