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Course - MCA-3B

Subject - Full Stack Development (practical)

Ques 1 :- Solution :-

```
<!doctype html>  
<html lang="en">  
<head>
```

```
<meta charset="UTF-8">  
<title> Example - example-ngRepeat-tracking  
- production </title>  
<link href="animation.css" rel="stylesheet"  
type="text/css">  
<script src="//code.angularjs.org/  
snapshot/angular.min.js"> </script>  
<script src="//code.angularjs.org/  
snapshot/angular-animate.js"> </script>  
<script src="script.js"> </script>  
</head>
```

```
<body ng-app="ngRepeat">  
<div ng-controller="repeat controller">  
<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> <button ng-click="reset()">
```


Reset list </button>

<code> track by \$id (friend) </code>
(default):

```
<ul 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">
    {{ friend.name }} is {{::friend.age}} years old
  </li> </ul>
```

<code> <track by friend.name </code>, 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 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>
```


Script.js

```
(function (angular) {  
  'use strict';  
  angular.module('ngRepeat', ['ngAnimate'])  
    .controller('repeat Controller', function($scope)  
    {  
      var friends = [  
        { name: 'Sardul', age: 21 }  
        { name: 'Ankit', age: 22 } ];  
      $scope.removeFirst = function() {  
        $scope.friends.shift();  
      };  
      $scope.updateAge = function() {  
        $scope.friends.forEach(function(e) {  
          e.age = e.age + 5;  
        });  
      };  
      $scope.copy = function() {  
        $scope.friends = angular.copy($scope.friends);  
      };  
      $scope.reset = function() {  
        $scope.friends = angular.copy(friends);  
      };  
      $scope.reset();  
    })  
})(window.angular);
```

Output

track by \$id(friend) (default):

track by \$id(friend) (default), with age one-time binding:

track by friend.name, with age one-time binding:

track by \$index, with age one-time binding:

track by \$id(friend) (default):

Student 1 is 21 years old.

Student 2 is 22 years old.

track by \$id(friend) (default), with age one-time binding:

Student 1 is 21 years old.

Student 2 is 22 years old.

track by friend.name, with age one-time binding:

Student 1 is 21 years old.

Student 2 is 22 years old.

track by \$index, with age one-time binding:

Student 1 is 21 years old.

Student 2 is 22 years old.

Ques 2 :- Solution :-

```
const http = require("http");
const server = http.createServer((req, res) => {
  res.end("Response from server->>>"
    + PORT);
});
const PORT = process.env.PORT || 8000;
const HOST = "localhost";
server.listen(PORT, HOST, () => {
  console.log("Server listening on port "
    + PORT);
});
```


main.js



Run

Output

```
1 const http = require("http");
2
3 const host = 'localhost';
4 const port = 8000;
5
6 const requestListener = function (req, res) {};
7
8 const server = http.createServer(requestListener);
9 server.listen(port, host, () => {
10   console.log(`Server is running on http://${host}:${port}`);
11 });
```

```
node /tmp/wV9164DVhG.js
Server is running on http://localhost:8000
```