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Class - MCA 3rd B

Subject - Full Stack Web Development

Write a program to create an item collection and clone the items using AngularJS directives.

Index.js

```
<!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/1.2.24/angular.min.js">
</script>
<script src="//code.angularjs.org/1.2.24/angular-animate.js">
</script>
<script src="script.js">
</script>
</head>
<body ng-app="ngRepeat">
```

Chetan


```

<div ng-controller="repeatController">
  <button ng-click="removeFirst()">Remove First</button>
  <button ng-click="updateAge()">Update Age</button>
  <button ng-click="copy()">Copy</button> <del>button</del>
  <button ng-click="reset()">Reset List</button> <br>

```

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

```

<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 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>
```

Script.js

index

```
(function(angular) {
```

```
  'use strict';
```

```
  angular.module('ngRepeat', ['ngAnimate']).
```

```
  controller('repeatController', function($scope)
```

```
  { var friends = [
```

```
    { name: 'Chetan', age: 21 },
```

```
    { name: 'Rishu', age: 22 }];
```

```
  $scope.removeFirst = function() {
```

```
    $scope.friends.shift(); },
```

```
  $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);
```

shubham