Name: Deepesh kumar

Class: MCA 3A

**Subject:** Full Stack Web Development TMC 305

## 1. 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>
 k href="animations.css" rel="stylesheet" type="text/css">
 <script
src="//code.angularjs.org/snapshot/angular.min.js"></script>
 <script src="//code.angularjs.org/snapshot/angular-</pre>
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):
 {{friend.name}} is {{friend.age}} years
friends">
old.
```

```
<code>track by $id(friend)</code> (default), with age one-time
binding:
{{friend.name}} is {{::friend.age}} years
friends">
old.
 <code>track by friend.name</code>, with age one-time binding:
{{friend.name}} is {{::friend.age}} years old.
friend.name">
 <code>track by $index</code>, with age one-time binding:
{{friend.name}} is {{::friend.age}} years old.
by $index">
 </div>
</body>
</html>
Script.js
(function(angular) {
'use strict';
angular.module('ngRepeat',
['ngAnimate']).controller('repeatController', function($scope) { var
friends = [
 {name: 'Sardul', age:21},
 {name:'Ankit', age:22},
];
$scope.removeFirst = function() {
```

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

$scope.updateAge = function() {
$scope.friends.forEach(function(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();
});

$scope.reset();
});
```

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="text/css">	
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min. 18 > C/Script>	
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< Script Src = "script.js"> script	
<pre></pre>	<u>'</u>
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first c/button>	and a
(button ng-click = "update Age ()"> up	date Age ( / buttons
<pre>coutton ng-click = "copy ()"&gt; copy &lt; / butter</pre>	on>
<pre>c bo&gt;&lt; button ng-click = "fese+()"&gt;Rese</pre>	et list > ( / (urtton)
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< code > track by \$id (friend) <th>&gt; (default).</th>	> (default).

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friends"> Es friend name 3 3 is Es friend age 33
years old.
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< code > track by friend name < / code >
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<pre>culclass = "example - animate - container"&gt; cli class = "animate - repeat" ng - repeat = "friend in friends track ly &amp; index"&gt;</pre>
track by \$ index">
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## **Output**

Remove First Update Age Copy
Reset List
track by \$id(friend) (default):
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 \$100ex, with age one-time binding.
Remove First Update Age Copy  Reset List 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.