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Subject : Full stack Development

1) Write a program to create an item collection and clones the items using AngularJS Directives

Index.js

```
< ! doctype html >
< html lang = "en">
< head >
< meta charset = "UTF-8" >
<title > Example - example - ngRepeat-tracking - production </tittle >
< 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 = "repeatController">
< button ng-click =" removeFirst()" > Remove First </ button>
< button ng - click = "update Age() "> 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 ) :
< 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 ">
```

Akshita

```html
< li class = "animate -repeat" ng -repeat = "friend in friends">
  {{ 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 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>
<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
```javascript
( function ( angular ) {
  ' use strict';
  angular . module ('ngRepeat', ['ngAnimate']) . Controller
  ('repeatController', function ( $scope ) {
    var friends = [
```

Herlita

```javascript
  { name : `Akshita`, age : 21 },
  { name : `Neha`, age : 22 },
]
];

$scope.removefirst = function () {
  $scope.friends.shift ();
);

$scope.updateAge = 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);
```