using angularis search user input from array and display

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<!DOCTYPE html>
<html>
<script
src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.9/angular.
min.js"></script>
<body>
<div ng-app="myApp" ng-controller="namesCtrl">
Type a letter
<input type="text" ng-model="test">
ul>
 ng-repeat="x in names | filter:test">
  {{ x }}
 </div>
<script>
angular.module('myApp', []).controller('namesCtrl', function($scope)
{
  $scope.names = [
    'Pavan',
    'Gabani',
    'Avi',
    'Rutvik',
    'Mautik',
    'Yash',
    'Jaydip',
    'Shyam'
  ];
});
</script>
</body>
</html>
```