Practical – 6
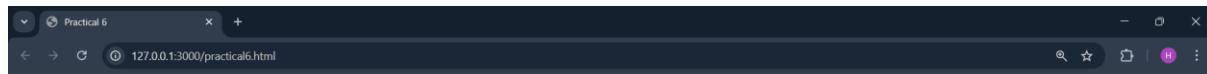
Write AngularJS service which makes the square of the number when it is called.

CODE :

```html
<!DOCTYPE html>
<html lang="en" ng-app="myApp">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Practical 6</title>
   <script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
</head>
<body ng-controller="myCtrl">
   <h2>Square of Number Using AngularJS Service</h2>
   <label>Enter Number:</label>
   <input type="number" ng-model="num" placeholder="Enter number">
   <button ng-click="getSquare()">Square</button>
   <h3>Result: {{ result }}</h3>
   <script>
     var app = angular.module("myApp", []);
     app.service("squareService", function () {
       this.square = function (n) {
         return n * n;
       };
     });
     app.controller("myCtrl", function ($scope, squareService) {
       $scope.num = "";
       $scope.result = "";
       $scope.getSquare = function () {
         $scope.result = squareService.square($scope.num);
       };
     });
   </script>
</body>
</html>
```

OUTPUT :