Department of Information Technology

Academic Year: 2025-26　　　　**Name of Student:Omkar R Salunkhe**

Semester: V　　　　　　　　　　**Student ID:22104067**

Class / Branch: TEIT/Div C　　　**Date of Performance:10/10/25**

Subject: IP Lab　　　　　　　　　 **Date of Submission:10/10/25**

Name of Instructor: Prof. Roshna Sangle

Experiment No. 12

Aim: Write a program to demonstrate various Angular JS Directives.

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>
<style>
body {
font-family: Arial, sans-serif;
max-width: 700px;
margin: 30px auto;
padding: 0 20px;
background-color: #f9f9f9;
```

```css
    color: #333;
}
h1, h2 {
    color: #004085;
    border-bottom: 2px solid #cce5ff;
    padding-bottom: 6px;
}
div[ng-init] {
    background: #fff;
    border: 1px solid #ddd;
    padding: 15px 20px;
    margin-bottom: 25px;
    border-radius: 5px;
    box-shadow: 0 1px 3px rgba(0,0,0,0.1);
}
.simple-interest {
    background-color: #eaf4e8;
    border: 1px solid #d4edda;
    color: #155724;
}
.calculate-square {
    background-color: #f8d7da;
    border: 1px solid #f5c6cb;
    color: #721c24;
}

p {
    font-size: 1rem;
    margin: 8px 0;
}
input[type="number"] {
    padding: 6px 10px;
    font-size: 1rem;
    border: 1px solid #ccc;
    border-radius: 3px;
    width: 120px;
}
span[ng-bind] {
    font-weight: 600;
    color: #155724;
}
</style>
</head>
<body ng-app>
<h1>Student Details</h1>
```

```html
<div ng-init="name='Omkar Salunkhe'; age=21; rollno=15">
Name: <span ng-bind="name"></span><br><br>
Age: <span ng-bind="age"></span><br><br>
Roll No: <span ng-bind="rollno"></span><br><br>
College: <span ng-bind="'AP SHAH INSTITUTE OF TECHNOLOGY'"></span><br><br>
Department: <span ng-bind="'Information Technology'"></span><br><br>
Moodle Id: <span ng-bind="'22104068'"></span><br><br>
</div>
<div ng-init="P=1000; R=5; T=2; SI=(P*R*T)/100">
<h2>Calculate Simple Interest</h2>
<p>Principal Amount: {{P}}</p>
<p>Rate of Interest: {{R}}%</p>
<p>Time (in years): {{T}}</p>
<h2>Simple Interest (SI) is: <span ng-bind="SI"></span></h2>
</p>

<h2>Calculate Square</h2>
Number: <input type="number" ng-model="num"><br><br>
Square of the number: <span ng-bind="num * num"></span><br>

</body>
</html>
```

Output:

Student Details

Name: **Omkar Salunkhe**

Age: **21**

Roll No: **15**

College: **AP SHAH INSTITUTE OF TECHNOLOGY**

Department: **Information Technology**

Moodle Id: **22104068**

Calculate Simple Interest

Principal Amount: 1000
Rate of Interest: 5%
Time (in years): 2

Simple Interest (SI) is: 100

Calculate Square

Number: `5`

Square of the number: **25**