



# **Mini Project Report - 09**

Bachelor of Computer Application – AIML  
Semester – IV

**Sub: Full Stack Development**

**Topic: Simple Interest Calculator**

By

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```
<html>
<head>
<title>Simple Interest Calculator</title>
<style>
body {
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    text-align: center;
    padding: 50px;
}

.calculator {
    background: white;
    padding: 20px;
    border-radius: 8px;
    width: 300px;
    margin: auto;
    box-shadow: 0 0 10px rgba(0,0,0,0.2);
}

input {
    width: 90%;
    padding: 8px;
    margin: 10px 0;
    border: 1px solid #ccc;
    border-radius: 4px;
}

button {
    background: red;
    color: white;
    border: none;
    padding: 10px 20px;
    margin-top: 10px;
}
```

```
cursor: pointer;
border-radius: 4px;
font-weight: bold;
}

button:hover {
background: darkred;
}

#result {
margin-top: 15px;
font-size: 18px;
font-weight: bold;
color: green;
}

</style>

</head>

<body>

<div class="calculator">

<h2>Simple Interest Calculator</h2>

<input type="number" id="principal" placeholder="Enter Principal (P)" />

<input type="number" id="rate" placeholder="Enter Rate (%) (R)" />

<input type="number" id="time" placeholder="Enter Time (Years) (T)" />

<button onclick="calculateSI()">Calculate</button>

<p id="result"></p>

</div>

<script>

let calculateSI = () => {

let P = document.getElementById("principal").value;

let R = document.getElementById("rate").value;

let T = document.getElementById("time").value;
```

```
if(P && R && T){  
    let SI = (P * R * T) / 100;  
    document.getElementById("result").innerText = "Simple Interest = ₹" + SI;  
}  
else {  
    document.getElementById("result").innerText = "Please fill all fields!";  
}  
};  
</script>  
</body>  
</html>
```

## Output:

The screenshot shows a web-based application titled "Simple Interest Calculator". It features three input fields: the first contains "10000", the second contains "10", and the third contains "3". Below these fields is a red "Calculate" button. Underneath the button, the text "Simple Interest = ₹3000" is displayed in green.