



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 = () => {

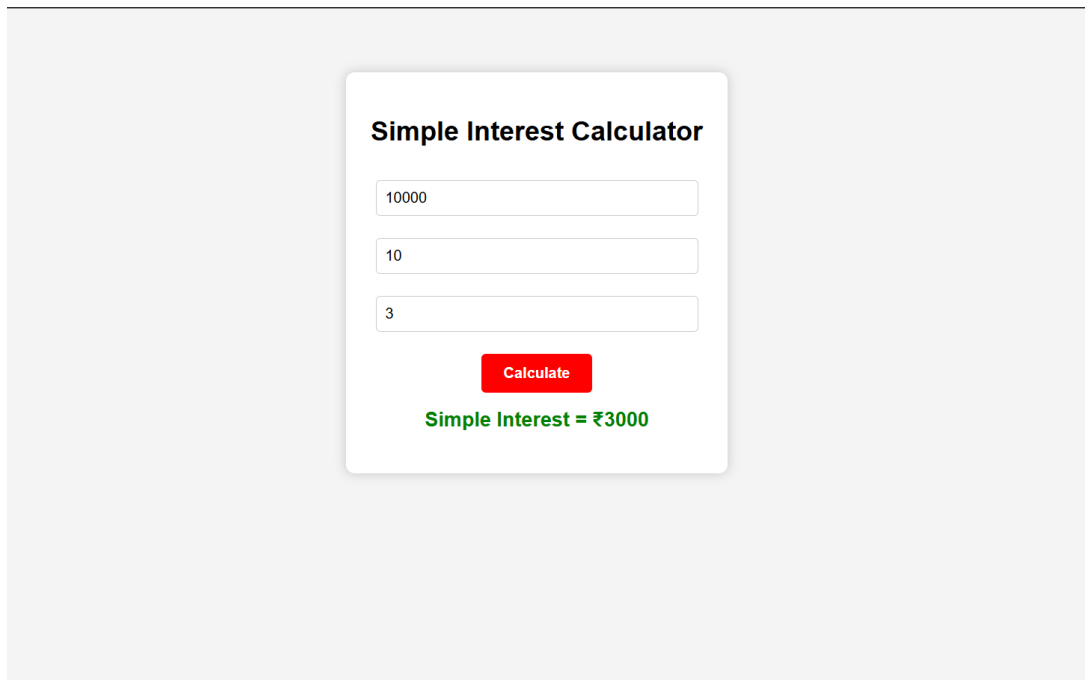
        let P = document.getElementById("principal").value;

        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 application titled "Simple Interest Calculator". It features three input fields for Principal (P), Rate (R), and Time (T). The Principal field contains "10000", the Rate field contains "10", and the Time field contains "3". Below these fields is a red "Calculate" button. The result is displayed in green text as "Simple Interest = ₹3000".

Input	Value
Principal (P)	10000
Rate (R)	10
Time (T)	3

Calculate

Simple Interest = ₹3000