

## HTML part

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Simple Interest Calculator</title>
    <link
      href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500&display=swap"
      rel="stylesheet"
    />
    <link rel="stylesheet" href="SimpleInterest.css" />
  </head>
  <body>
    <div class="container">
      <h1>Simple Interest Calculator</h1>
      <div class="wrapper">
        <label for="principal">Principal(NRs.):</label>
        <input type="number" id="principal" value="1000" />
      </div>
      <div class="wrapper">
        <label for="rate">Rate:</label>
        <input type="number" id="rate" value="5" />
      </div>
      <label for="time">Time:</label>
      <div class="time-wrapper">
        <input type="number" id="time" value="1" />
      </div>
      <button id="calculate">Calculate</button>
      <div id="result1"></div>
      <div id="result2"></div>
    </div>
    <script src="SimpleInterest.js"></script>
  </body>
</html>
```

## CSS part

```
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
  font-family: "Poppins", sans-serif;
}

body {
  height: 100vh;
  background: linear-gradient(navy, pink);
  display: flex;
  align-items: center;
  justify-content: center;
}
```

```
}

.container {
  background-color: #ffffff;
  width: 90%;
  max-width: 420px;
  padding: 40px;
  border-radius: 10px;
  box-shadow: 0 20px 40px rgba(0, 0, 0, 0.2);
}

h1 {
  font-size: 30px;
  font-weight: 600;
  text-align: center;
  margin-bottom: 20px;
  color: #3a3a3a;
}

label {
  display: block;
  font-size: 18px;
  margin-bottom: 8px;
  font-weight: 500;
  color: #3a3a3a;
}

input {
  margin-bottom: 20px;
  border: none;
  font-size: 16px;
  border-bottom: 2px solid #3a3a3a;
  color: #3a3a3a;
  padding: 2px 15px;
  width: 100%;
  transition: border-bottom 0.3s ease;
}

input:focus {
  outline: none;
  border-bottom: 2.4px solid #5a8f1a;
}

.input-wrapper {
  display: flex;
  justify-content: space-between;
  gap: 20px;
}

.time-wrapper {
  display: flex;
  align-items: center;
  gap: 10px;
}
```

```
select {
  width: 100px;
  border: 1px solid #3a3a3a;
  font-size: 16px;
  padding: 8px 12px;
  border-radius: 5px;
  transition: border-color 0.3s ease;
}

select:focus {
  outline: none;
  border-color: #5a8f1a;
}

button {
  display: block;
  background-color: navy;
  border: none;
  color: #ffffff;
  margin: 30px auto 0 auto;
  padding: 12px 20px;
  font-size: 18px;
  border-radius: 5px;
  cursor: pointer;
  transition: background-color 0.3s ease;
}

button:hover {
  background-color: lightpink;
}

#result1{
  background-color: lightblue;
  margin-top: 30px;
  color: #3a3a3a;
  text-align: center;
  font-size: 16px;
  padding: 20px;
  border-radius: 5px;
}

#result2 {
  background-color: lightblue;
  margin-top: 30px;
  color: #3a3a3a;
  text-align: center;
  font-size: 16px;
  padding: 20px;
  border-radius: 5px;
}
```

## JavaScript Part

```
let calculateButton = document.getElementById("calculate");
let result1 = document.getElementById("result1");
let result2 = document.getElementById("result2");
let inputprincipal=document.getElementById("principal");

let calculate = () => {
  let p = Number(document.getElementById("principal").value);
  let r = Number(document.getElementById("rate").value);
  let t = Number(document.getElementById("time").value);

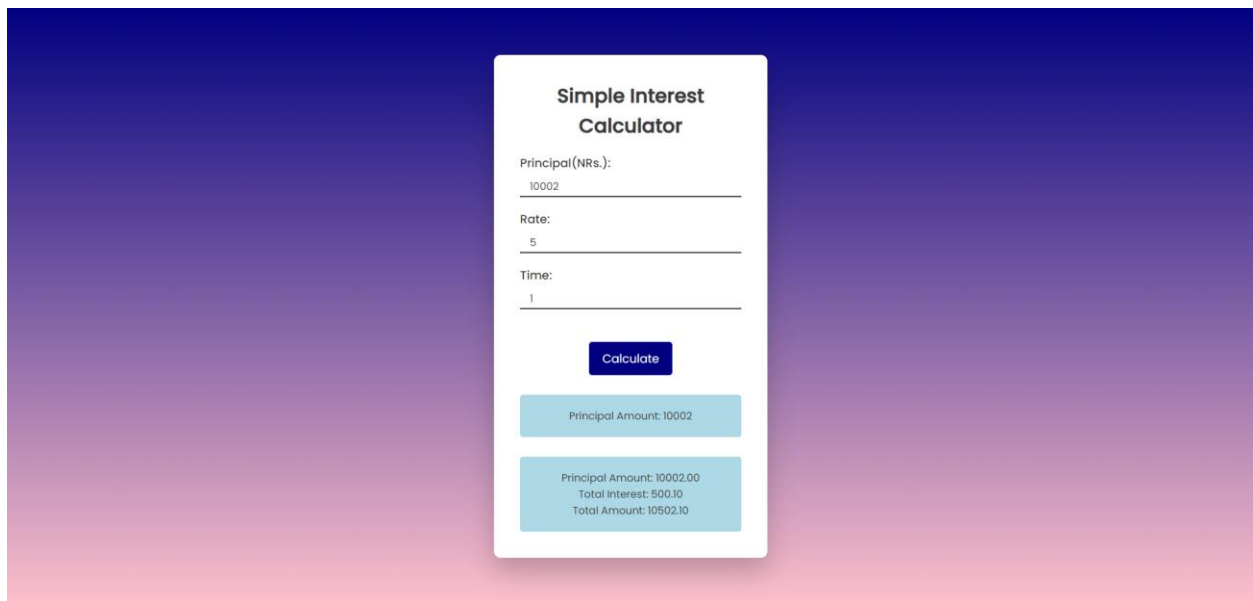
  let simpleInterest = (p * r * t) / 100;
  let amount = p + simpleInterest;

  result2.innerHTML = `<div>Principal Amount: <span>${p.toFixed(2)}</span></div>
<div>Total Interest: <span>${simpleInterest.toFixed(2)}</span></div>
<div>Total Amount: <span>${amount.toFixed(2)}</span></div>`;
};

inputprincipal.addEventListener('keyup',(event)=>{
  result1.innerHTML = `<div>Principal Amount: <span>${event.target.value}</span></div>`;
});

calculateButton.addEventListener("click", calculate);
```

## Screenshot



The screenshot shows a web application titled "Simple Interest Calculator" on a white background with a blue gradient header. The form contains three input fields: "Principal(NRs.):" with the value "10002", "Rate:" with the value "5", and "Time:" with the value "1". Below these fields is a blue "Calculate" button. Under the button, there are two light blue boxes displaying the results. The first box shows "Principal Amount: 10002". The second box shows "Principal Amount: 10002.00", "Total Interest: 500.10", and "Total Amount: 10502.10".

Field	Value
Principal(NRs.)	10002
Rate	5
Time	1
Principal Amount	10002
Principal Amount	10002.00
Total Interest	500.10
Total Amount	10502.10