# Amity University, Rajasthan

**NAME** :- **Arpit Agarwal**

PROGRAMME :- B.Tech(CSE)

BATCH – 2020-2024

SECTION :- B

ENROLLMENT NO:- A20405220102

**\*\*\*Write a function in Javascript to calculate monthly installation of the loan.\*\*\***

Software used: Visual studio code

CODING:

HTML File:

<!DOCTYPE html>

<html lang="en">

<head>

<title>Loan Calculator</title>

<style>

body {

background-color: red;

font-family: 'Trebuchet MS';

}

h1 {

font-size: 35px;

}

h1 {

font-size: 21px;

margin-top: 20px;

}

.calculator {

width: 400px;

height: 450px;

background-color: black;

position: absolute;

left: 50%;

top: 50%;

transform: translateX(-50%) translateY(-50%);

padding: 20px 0px 0px 100px;

border-radius: 50px;

color: white;

}

input {

padding: 7px;

width: 70%;

margin-top: 7px;

}

</style>

</head>

<body>

<div class="calculator">

<h1>Loan Calculator</h1>

<!-- Calling Calculate function defined in app.js -->

<p>Amount (₹) :

<input id="amount" type="number"

onchange="Calculate()">

</p>

<p>Interest Rate :

<input id="rate" type="number"

onchange="Calculate()">

</p>

<p>Months to Pay :

<input id="months" type="number"

onchange="Calculate()">

</p>

<h2 id="total"></h2>

</div>

<script src="app.js"></script>

</body>

</html>

JavaScript File:

function Calculate() {

function Calculate() {

    const amount = document.querySelector("#amount").value;

    const rate = document.querySelector("#rate").value;

    const months = document.querySelector("#months").value;

   const interest = (amount \* (rate \* 0.01)) / months;

   const total = ((amount / months) + interest).toFixed(2);

    document.querySelector("#total").innerHTML = "EMI : (₹)" + total;

}

***OUTPUT :-***

