7)

<html>

<head>

<title>Mathematical Operations</title>

</head>

<body>

<script>

function add(a, b) {

return a + b;

}

function subtract(a, b) {

return a - b;

}

function divide(a, b) {

if (b === 0) {

return 'Cannot divide by zero!';

}

return a / b;

}

function multiply(a, b) {

return a \* b;

}

const num1 = parseFloat(prompt('Enter the first number:'));

const num2 = parseFloat(prompt('Enter the second number:'));

const operation = prompt('Choose the operation: \n 1. Addition (+) \n 2. Subtraction (-) \n 3. Division (/) \n 4. Multiplication (\*)');

let result;

switch (operation) {

case '1':

result = add(num1, num2);

break;

case '2':

result = subtract(num1, num2);

break;

case '3':

result = divide(num1, num2);

break;

case '4':

result = multiply(num1, num2);

break;

default:

result = 'Invalid operation.';

}

alert('Result: ' + result);

</script>

</body>

</html>

8)

<html>

<head>

<title>Year of Birth from NIC Number</title>

</head>

<body>

<script>

function getbYear(nicNumber) {

const bYear = nicNumber.substring(0, 4);

const completeYear = bYear;

return parseInt(completeYear);

}

const nicNumber = prompt('Enter the NIC number (format: XXXXXXXXXXXXX):');

const bYear = getbYear(nicNumber);

alert('Year of Birth: ' + bYear);

</script>

</body>

</html>