

1.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>web sheets</title>
```

```
</head>
```

```
<body>
```

```
  <h3>Mathematical Operations</h3>
```

```
<script>
```

```
function performMathOperations() {  
  var num1 = parseFloat(prompt("Enter the first number:"));  
  var num2 = parseFloat(prompt("Enter the second number:"));  
  if (isNaN(num1) || isNaN(num2)) {  
    alert("Invalid input. Please enter valid numbers.");  
  } else {  
    var addition = num1 + num2;  
    var subtraction = num1 - num2;  
    var multiplication = num1 * num2;  
  
    if (num2 !== 0) {  
      var division = num1 / num2;  
    } else {  
      division = "Cannot divide by zero.";  
    }  
  
    var result = "Results:\n";  
    result += num1 + " + " + num2 + " = " + addition + "\n";  
    result += num1 + " - " + num2 + " = " + subtraction + "\n";  
    result += num1 + " * " + num2 + " = " + multiplication + "\n";  
  }  
}
```

```
        result += num1 + " / " + num2 + " = " + division;
        alert(result);
    }
}
performMathOperations();
</script>
</body>
</html>
```

2.

```
<!DOCTYPE html>
<html>
<head>
    <title>web sheet</title>
</head>
<body>
    <h3>Birthday</h3>
    <label for="nicNumber">Enter NIC Number:</label>
    <input type="text" id="nicNumber">
    <button onclick="extractYearOfBirth()">conform</button>

    <script>
        function extractYearOfBirth() {
            var nicNumber = document.getElementById("nicNumber").value;

            if (nicNumber.length >= 4) {
                var yearOfBirth = nicNumber.substring(0, 4);
                alert("brithyear " + yearOfBirth);
            } else {
```

```
        alert("Invalid NIC number");
    }
}
</script>
</body>
</html>
```