Answer 01:

```javascript
// Prompt the user for the first number
const num1 = prompt("Enter the first number");

// Prompt the user for the second number
const num2 = prompt("Enter the second number");

// Convert the strings to numbers
const parsedNum1 = parseInt(num1);
const parsedNum2 = parseInt(num2);

if (parsedNum1 > parsedNum2) {
  console.log( "The larger number is " + parsedNum1 );
} else if (parsedNum1 < parsedNum2) {
  console.log( "The larger number is " + parsedNum2 );
} else {
  console.log("The two numbers are equal");
}
```

Answer 02:

```javascript
// Prompt the user for a number
const num = prompt("Enter a number");

// Convert the string to a number
const parsedNum = parseInt(num);

// Check the sign of the number
if (parsedNum > 0) {
  alert("The number is positive (+)");
} else if (parsedNum < 0) {
  alert("The number is negative (-)");
} else {
  alert("The number is zero (0)");
}
```

Answer 03:

```javascript
// Prompt the user for five numbers
```

```javascript
const num1 = prompt("Enter the first number");
const num2 = prompt("Enter the second number");
const num3 = prompt("Enter the third number");
const num4 = prompt("Enter the fourth number");
const num5 = prompt("Enter the fifth number");

// Convert the strings to numbers
const parsedNum1 = parseInt(num1);
const parsedNum2 = parseInt(num2);
const parsedNum3 = parseInt(num3);
const parsedNum4 = parseInt(num4);
const parsedNum5 = parseInt(num5);

// Find the largest number using Math.max
const largestNum = Math.max(parsedNum1, parsedNum2, parsedNum3, parsedNum4,
parsedNum5);

console.log("The largest number is " + largestNum);
```

Answer 04:

```javascript
// Loop from 0 to 15
for (let i = 0; i <= 15; i++) {
  // Check if the current number is even or odd
  if (i % 2 === 0) {
    document.write( i + " is even<br>");
  } else {
    document.write( i + " is odd<br>");
  }
}
```

Answer 05:

```javascript
// Prompt the user to enter marks for 5 subjects
const marks = [];
for (let i = 1; i <= 5; i++) {
  const mark = parseInt(prompt(`Enter mark for subject ${i}`));
  marks.push(mark);
  console.log(marks + "<br>");
```

```
}

// Compute the average mark
const sum = marks.reduce((acc, val) => acc + val, 0);
const avg = sum / marks.length;

// Determine the corresponding grade
let grade;
if (avg < 60) {
  grade = "F";
} else if (avg < 70) {
  grade = "D";
} else if (avg < 80) {
  grade = "C";
} else if (avg < 90) {
  grade = "B";
} else {
  grade = "A";
}

// Display the average mark and corresponding grade
document.write("The average mark is " + avg.toFixed(2), " which corresponds to a grade of " +
grade);
```

Answer 06:

```
// Iterate from 1 to 100
for (let i = 1; i <= 100; i++) {
  // Check if the number is a multiple of 3 and 5
  if (i % 3 === 0 && i % 5 === 0) {
    document.write("FizzBuzz<br>");
  }
  // Check if the number is a multiple of 3
  else if (i % 3 === 0) {
    document.write("Fizz<br>");
  }
  // Check if the number is a multiple of 5
  else if (i % 5 === 0) {
    document.write("Buzz<br>");
  }
  // Otherwise, print the number itself
  else {
```

```
    document.write( i + "<br>" );
  }
}
```

Answer 07:

```
// Define the number of rows
const numRows = 5;

// Iterate through each row
for (let i = 0; i < numRows; i++) {
  // Create a string to hold the current row
  let row = "";

  // Iterate through each column in the current row
  for (let j = 0; j <= i; j++) {
    // Add a * to the current row
    row += "* ";
  }

  // Output the current row
  document.write(row + "<br>");
}
```