JavaScript Task 4 Output:

First screenshot - CodePen console output:

```
// =========================================
// Testing all JavaScript Challenge with input
// =========================================

console.log("\n 1: Identify if a Number is Positive or Negative");
console.log(checkNumber(-10));
console.log(checkNumber(10));

console.log("\n 2: Identify if a Number is Even or Odd");
console.log(checkEvenOdd(7));
console.log(checkEvenOdd(8));

console.log("\n 3: Calculate the Power of a Number");
console.log(calculatePower(5, 2));
console.log(calculatePower(6, 2));

console.log("\n 4: Compare Two Numbers");
console.log(compareNumbers(10, 20));
```

Console:
```
""
 1: Identify if a Number is Positive or Negative"
"Negative"
"Positive"
""
 2: Identify if a Number is Even or Odd"
"Odd"
"Even"
""
 3: Calculate the Power of a Number"
25
36
""
 4: Compare Two Numbers"
>
```


Second screenshot - CodePen console output:

```
console.log("\n 4: Compare Two Numbers");
console.log(compareNumbers(10, 20));
console.log(compareNumbers(100,50));

console.log("\n 5: Determine if a Year is a Leap Year");
console.log(isLeapYear(2024));
console.log(isLeapYear(2012));

console.log("\n 6: Grade Calculator");
console.log(calculateGrade(85));
console.log(calculateGrade(60));
console.log(calculateGrade(90));
console.log(calculateGrade(25));

console.log("\n 7: How Old Are You? (Age-Based Messages)");
console.log(ageMessage(15));
console.log(ageMessage(25));
console.log(ageMessage(20));
```

Console:
```
 4: Compare Two Numbers"
"20 is greater than 10"
"100 is greater than 50"
""
 5: Determine if a Year is a Leap Year"
"2024 is a leap year"
"2012 is a leap year"
""
 6: Grade Calculator"
"B"
"D"
"A"
"F"
>
```

Screenshot 1 (top):

Browser tabs: Agile Tribers | CodePen - A Pen by Ajay G | Agile-Tribers-internship/Sprint...

URL: codepen.io/pen/?editors=0012

Untitled ✏
Ajay G

☁ Save ⚙ Settings

HTML ⚙ ∨
CSS ⚙ ∨
{ } JS 100+ unsaved changes ✕ ⚙ ∨

```javascript
122  console.log(calculateGrade(25));
123
124  console.log("\n 7: How Old Are You? (Age-Based Messages)");
125  console.log(ageMessage(15));
126  console.log(ageMessage(25));
127  console.log(ageMessage(20));
128
129
130  console.log("\n 8: FizzBuzz Challenge");
131  fizzBuzz();
132
133  console.log("\n 9: Leap Year Checker");
134  console.log(leapYearChecker(2024));
135
136  // ==========================================
137  // Completed
138  // ==========================================
```

Console — Clear ✕

```
"
 7: How Old Are You? (Age-Based Messages)"

"You can't drive."

"You can do pretty much anything."

"You can vote but not rent a car."

"
 8: FizzBuzz Challenge"

1

2

"Fizz"

4

"Buzz"

"Fizz"
```

>

Console | Assets | Shortcuts

Type here to search | Task 4 | Ajay - Ch... | Chat | Brit... | task3 - N... | 3:02 PM 3/19/2025

Screenshot 2 (bottom):

Browser tabs: Agile Tribers | CodePen - A Pen by Ajay G | Agile-Tribers-internship/Sprint...

URL: codepen.io/pen/?editors=0012

Untitled ✏
Ajay G

☁ Save ⚙ Settings

HTML ⚙ ∨
CSS ⚙ ∨
{ } JS 100+ unsaved changes ✕ ⚙ ∨

```javascript
122  console.log(calculateGrade(25));
123
124  console.log("\n 7: How Old Are You? (Age-Based Messages)");
125  console.log(ageMessage(15));
126  console.log(ageMessage(25));
127  console.log(ageMessage(20));
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129
130  console.log("\n 8: FizzBuzz Challenge");
131  fizzBuzz();
132
133  console.log("\n 9: Leap Year Checker");
134  console.log(leapYearChecker(2024));
135
136  // ==========================================
137  // Completed
138  // ==========================================
```

Console — Clear ✕

```
91

92

"Fizz"

94

"Buzz"

"Fizz"

97

98

"Fizz"

"Buzz"

"
 9: Leap Year Checker"

"2024 is a leap year"
```

>

Console | Assets | Shortcuts

Type here to search | Task 4 | Ajay - Ch... | Chat | Brit... | task3 - N... | 34°C | 3:03 PM 3/19/2025