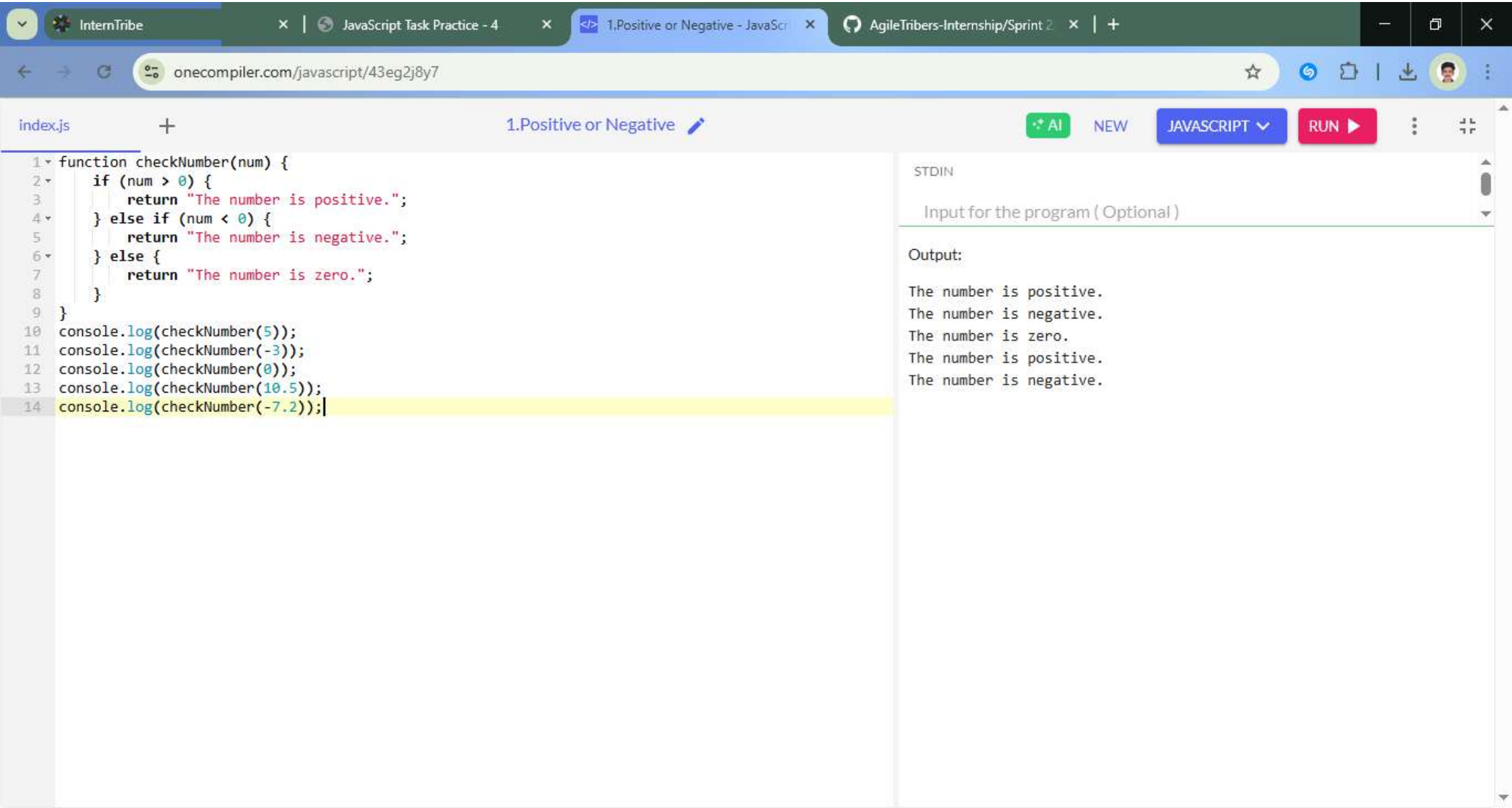
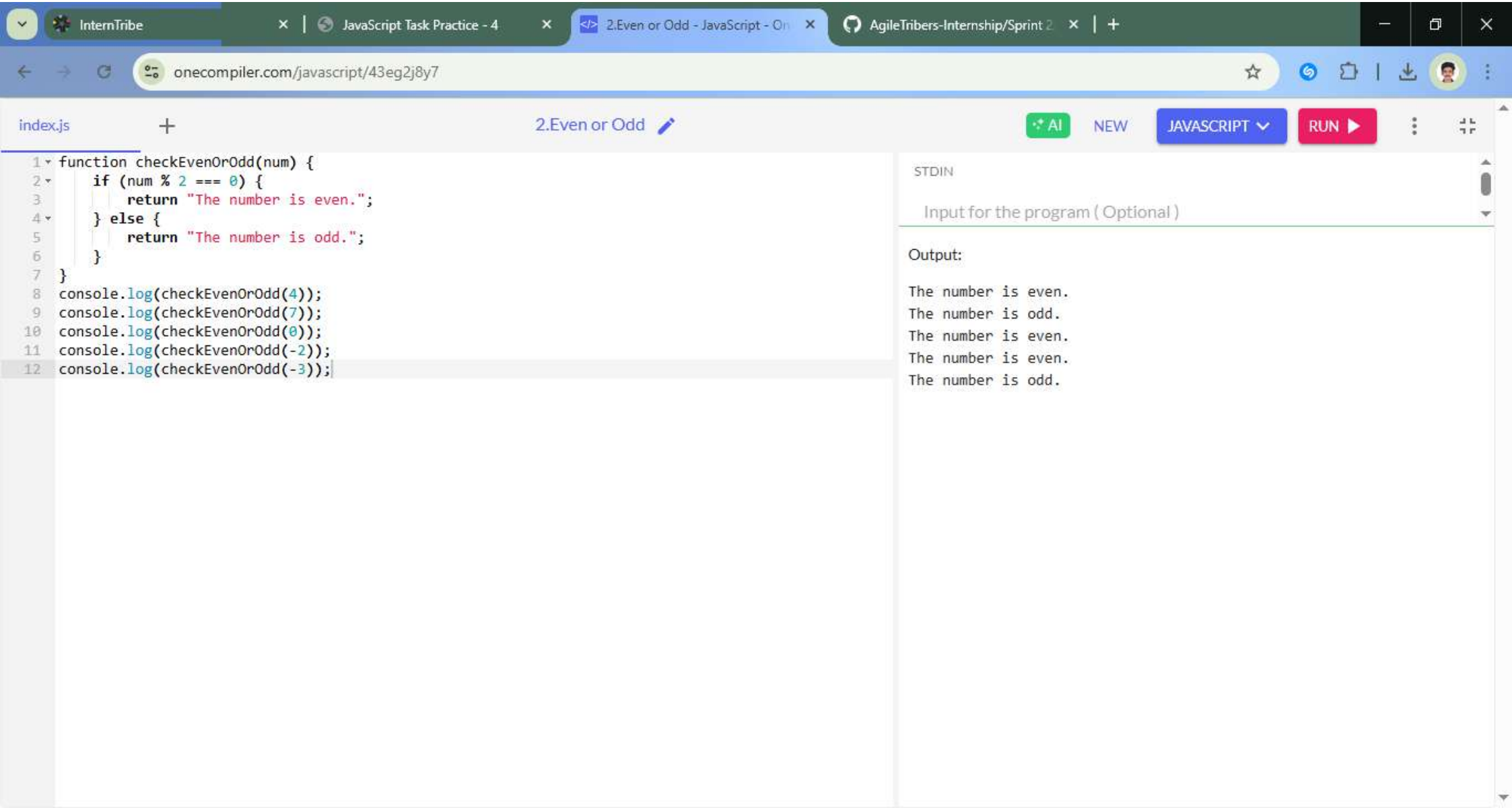
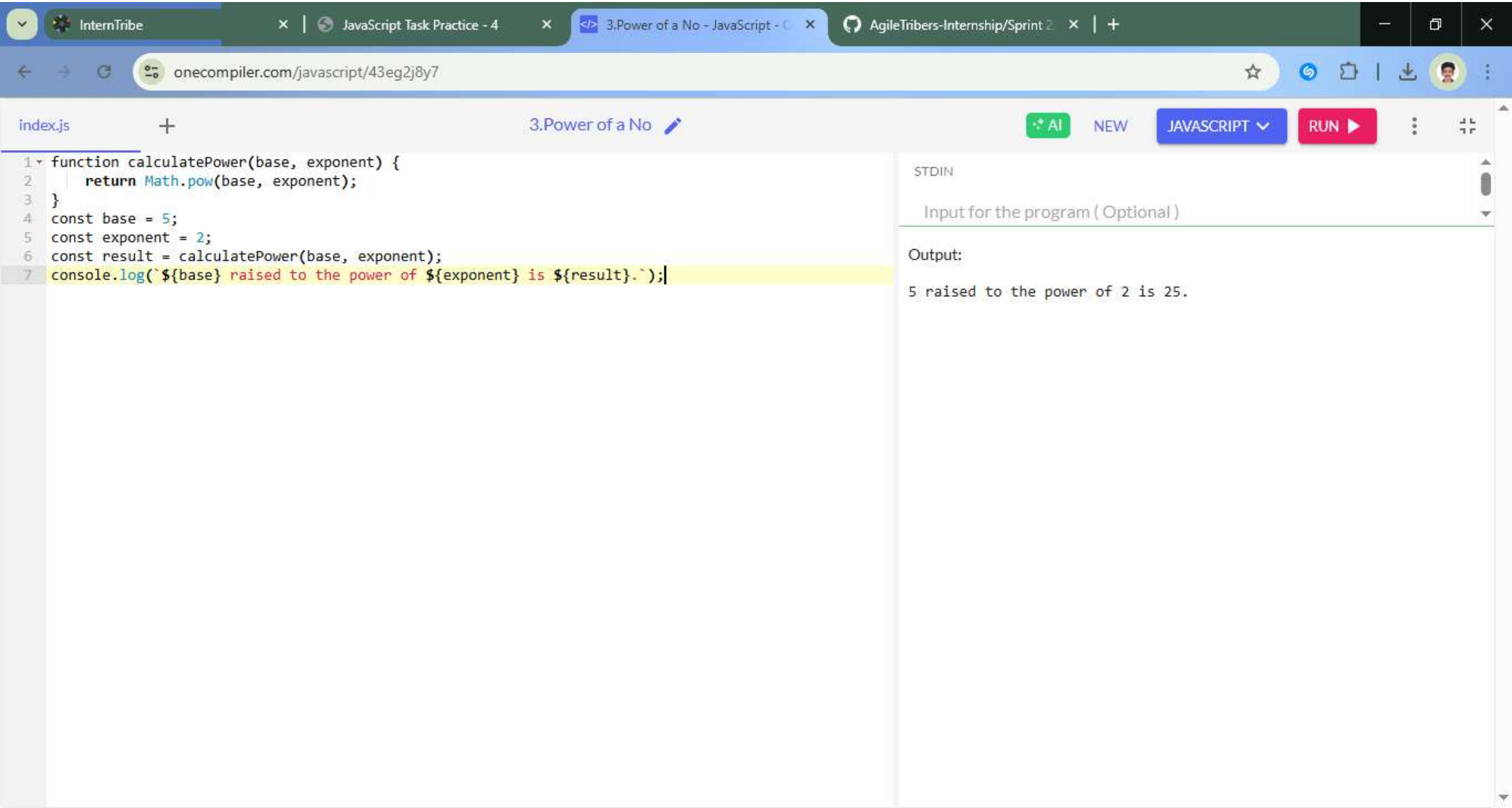
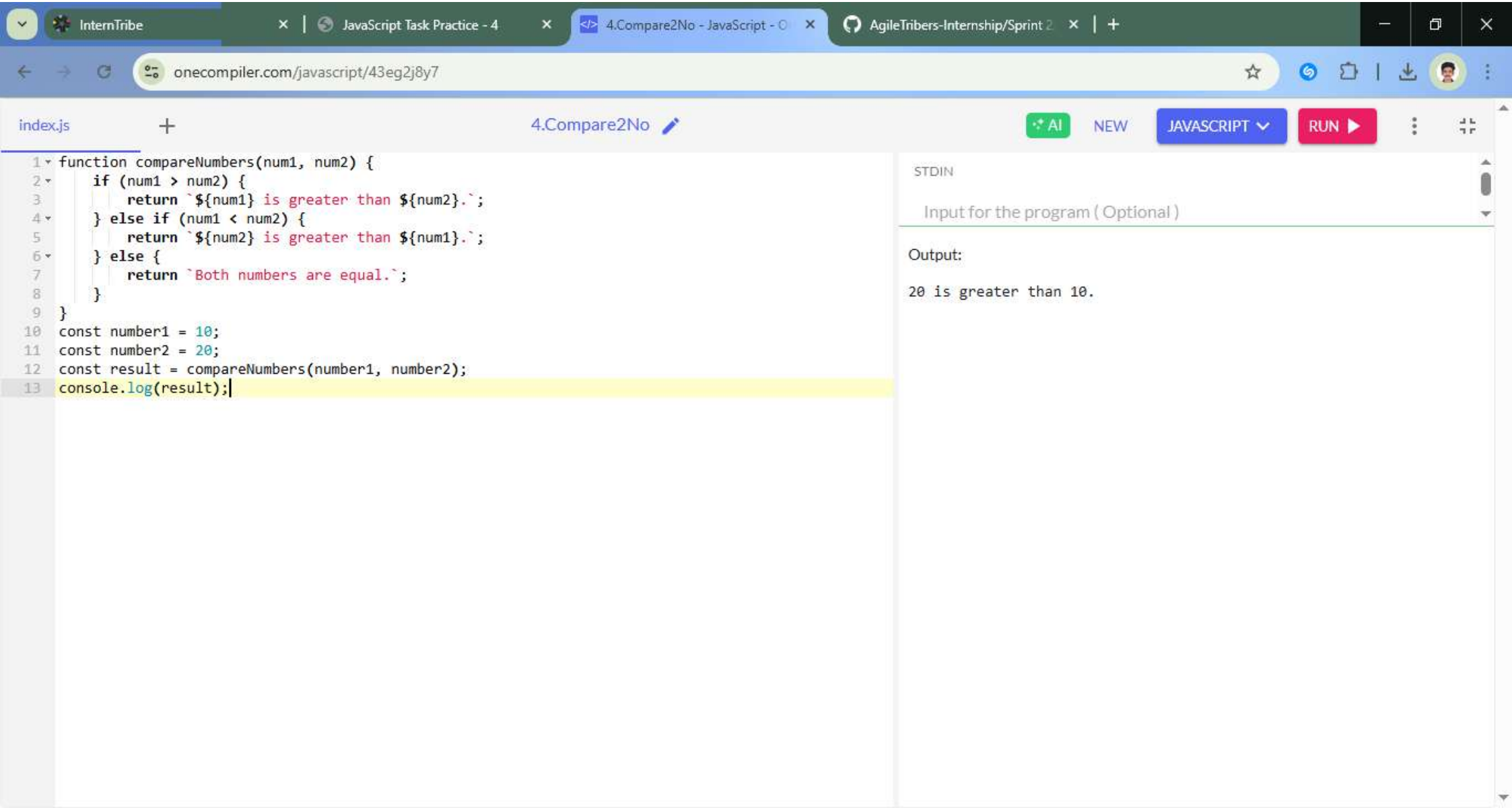
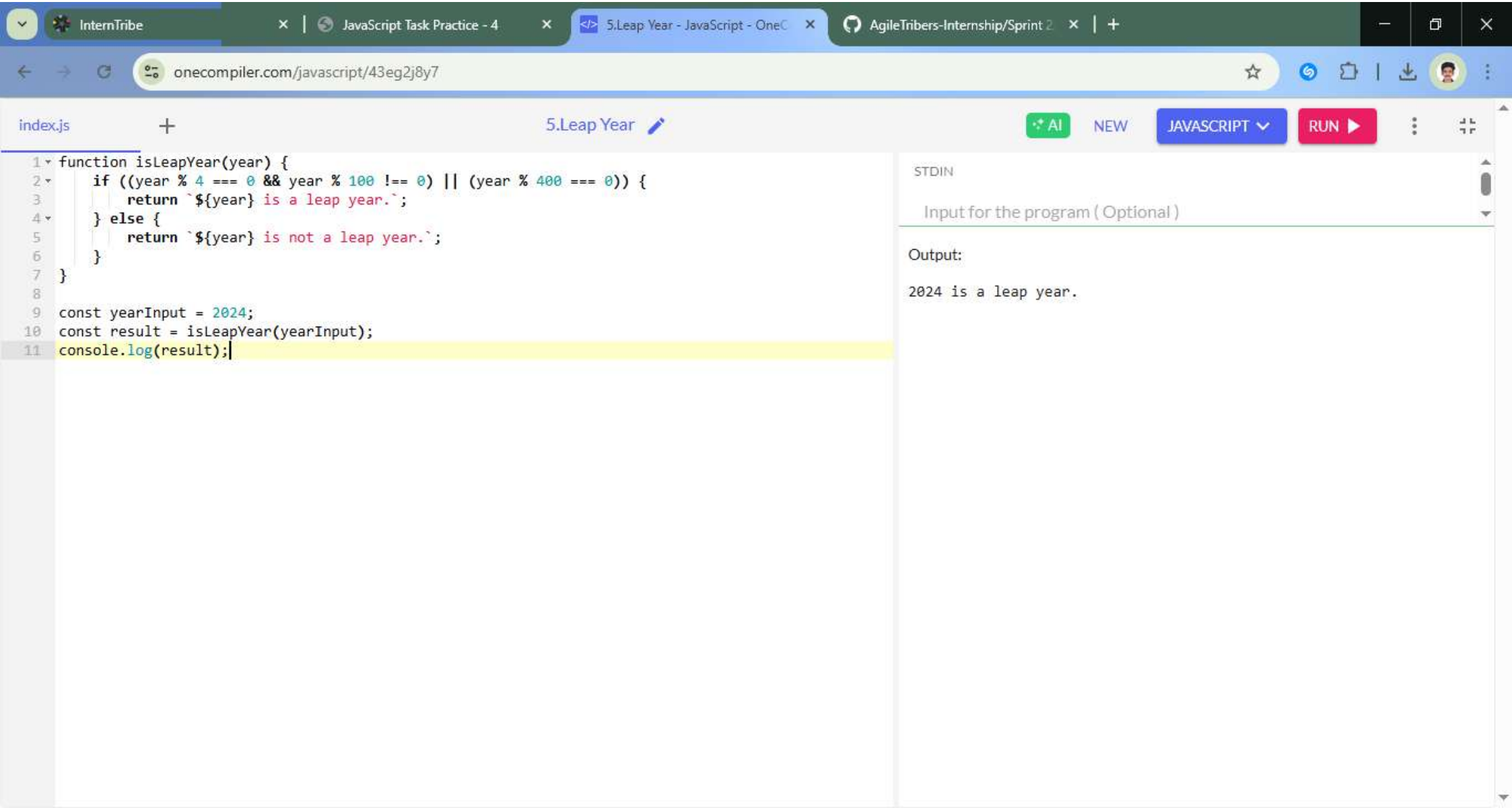

InternTribe
JavaScript Task Practice - 4
1.Positive or Negative - JavaScr
AgileTribers-Internship/Sprint 2
onecompiler.com/javascript/43eg2j8y7
index.js
1.Positive or Negative
AI
NEW
JAVASCRIPT
RUN
function checkNumber(num) {
if (num > 0) {
return "The number is positive.";
} else if (num < 0) {
return "The number is negative.";
} else {
return "The number is zero.";
}
}
console.log(checkNumber(5));
console.log(checkNumber(-3));
console.log(checkNumber(0));
console.log(checkNumber(10.5));
console.log(checkNumber(-7.2));
STDIN
Input for the program (Optional)
Output:
The number is positive.
The number is negative.
The number is zero.
The number is positive.
The number is negative.


InternTribe
JavaScript Task Practice - 4
2.Even or Odd - JavaScript - On
AgileTribers-Internship/Sprint 2
onecompiler.com/javascript/43eg2j8y7
index.js
2.Even or Odd
AI
NEW
JAVASCRIPT
RUN
function checkEvenOrOdd(num) {
if (num % 2 === 0) {
return "The number is even.";
} else {
return "The number is odd.";
}
}
console.log(checkEvenOrOdd(4));
console.log(checkEvenOrOdd(7));
console.log(checkEvenOrOdd(0));
console.log(checkEvenOrOdd(-2));
console.log(checkEvenOrOdd(-3));
STDIN
Input for the program (Optional)
Output:
The number is even.
The number is odd.
The number is even.
The number is even.
The number is odd.


InternTribe
JavaScript Task Practice - 4
3.Power of a No - JavaScript - C
AgileTribers-Internship/Sprint 2
onecompiler.com/javascript/43eg2j8y7
index.js
3.Power of a No
AI
NEW
JAVASCRIPT
RUN
function calculatePower(base, exponent) {
return Math.pow(base, exponent);
}
const base = 5;
const exponent = 2;
const result = calculatePower(base, exponent);
console.log(`${base} raised to the power of ${exponent} is ${result}.`);
STDIN
Input for the program (Optional)
Output:
5 raised to the power of 2 is 25.


InternTribe
JavaScript Task Practice - 4
4.Compare2No - JavaScript - O
AgileTribers-Internship/Sprint 2
onecompiler.com/javascript/43eg2j8y7
index.js
4.Compare2No
AI
NEW
JAVASCRIPT
RUN
function compareNumbers(num1, num2) {
if (num1 > num2) {
return `${num1} is greater than ${num2}.`;
} else if (num1 < num2) {
return `${num2} is greater than ${num1}.`;
} else {
return `Both numbers are equal.`;
}
}
const number1 = 10;
const number2 = 20;
const result = compareNumbers(number1, number2);
console.log(result);
STDIN
Input for the program (Optional)
Output:
20 is greater than 10.


InternTribe
JavaScript Task Practice - 4
5.Leap Year - JavaScript - OneC
AgileTribers-Internship/Sprint 2
onecompiler.com/javascript/43eg2j8y7
index.js
5.Leap Year
AI
NEW
JAVASCRIPT
RUN
function isLeapYear(year) {
if ((year % 4 === 0 && year % 100 !== 0) || (year % 400 === 0)) {
return `${year} is a leap year.`;
} else {
return `${year} is not a leap year.`;
}
}
const yearInput = 2024;
const result = isLeapYear(yearInput);
console.log(result);
STDIN
Input for the program (Optional)
Output:
2024 is a leap year.

InternTribe | JavaScript Task Practice - 4 | 6.Garde Calculator - JavaScript | AgileTribers-Internship/Sprint 2

onecompiler.com/javascript/43eg2j8y7

index.js

6.Garde Calculator

AI NEW JAVASCRIPT RUN

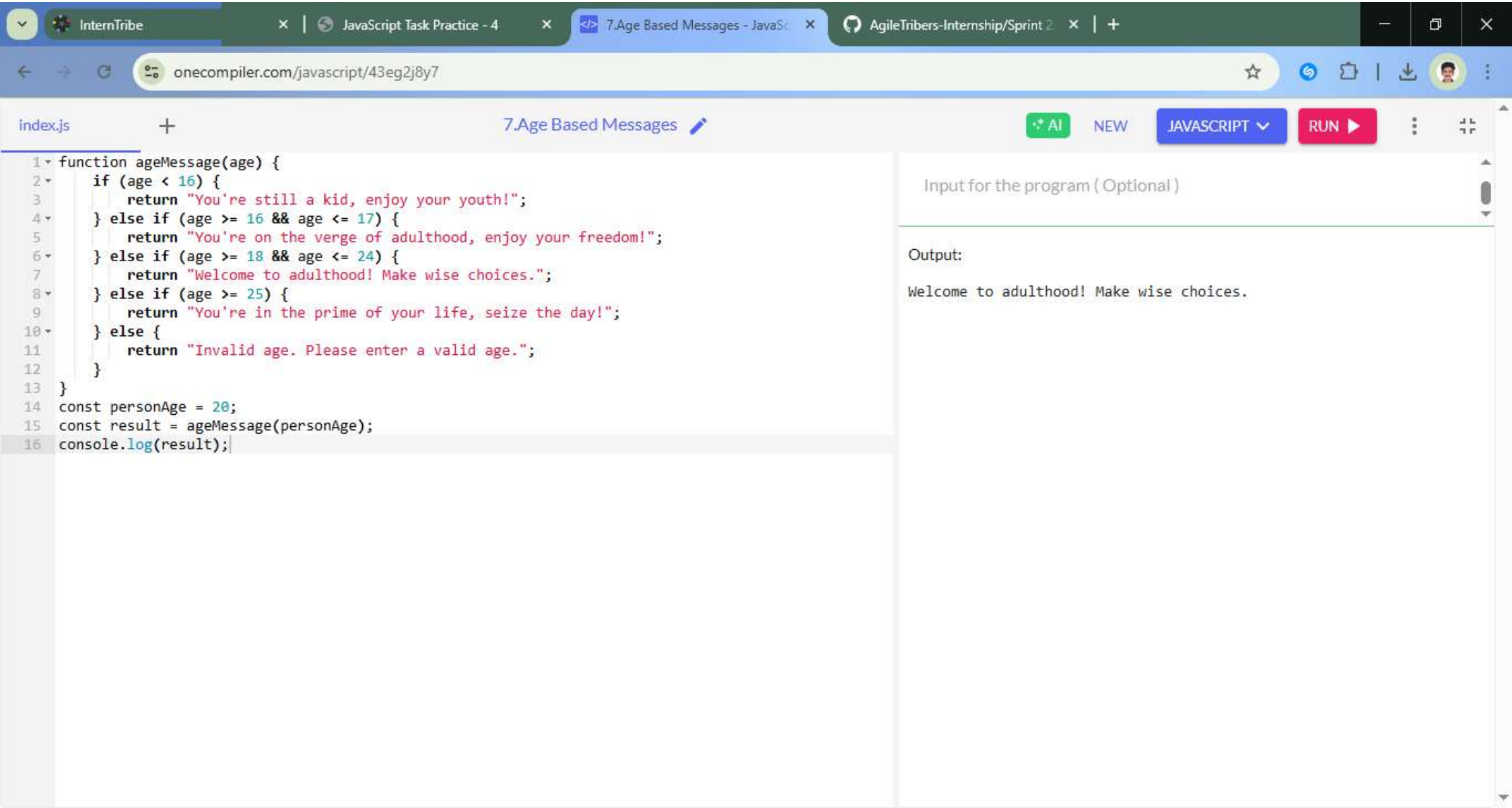
```
function calculateGrade(score) {
    if (score >= 90 && score <= 100) {
        return "Grade: A";
    } else if (score >= 80 && score < 90) {
        return "Grade: B";
    } else if (score >= 70 && score < 80) {
        return "Grade: C";
    } else if (score >= 60 && score < 70) {
        return "Grade: D";
    } else if (score < 60 && score >= 0) {
        return "Grade: F";
    } else {
        return "Invalid score. Please enter a score between 0 and 100.";
    }
}
const studentScore = 85;
const result = calculateGrade(studentScore);
console.log(result);
```

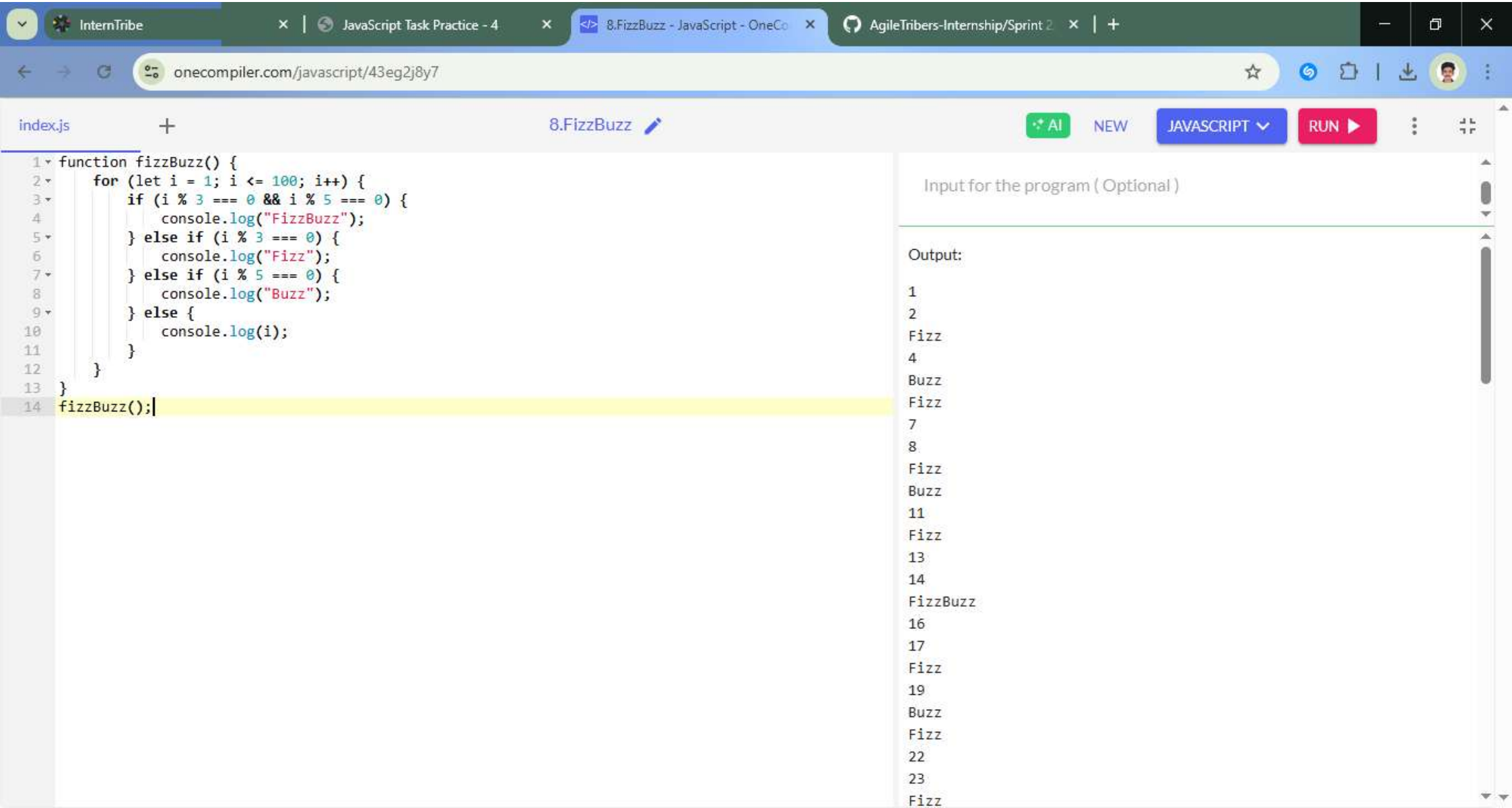
STDIN

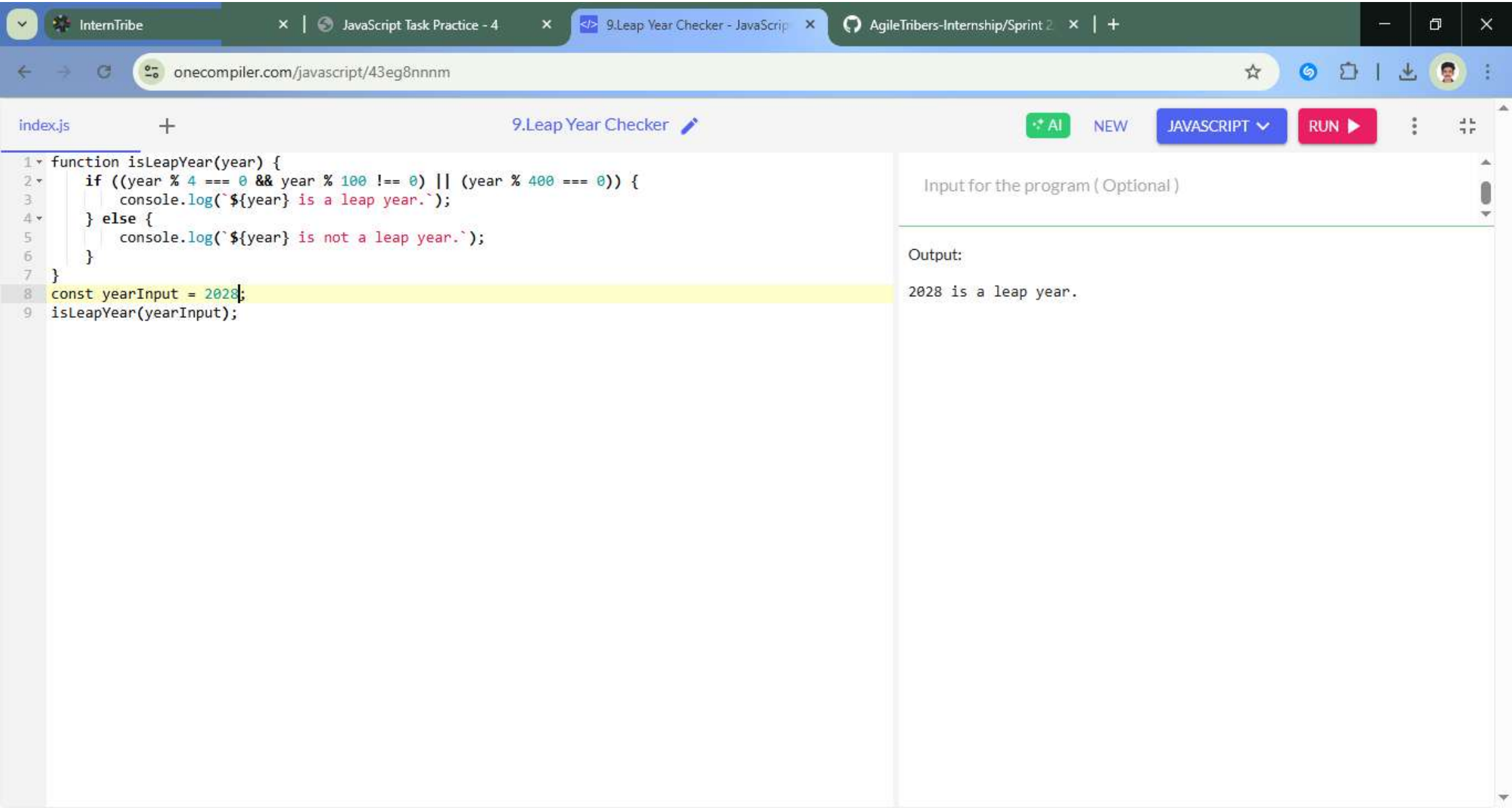
Input for the program (Optional)

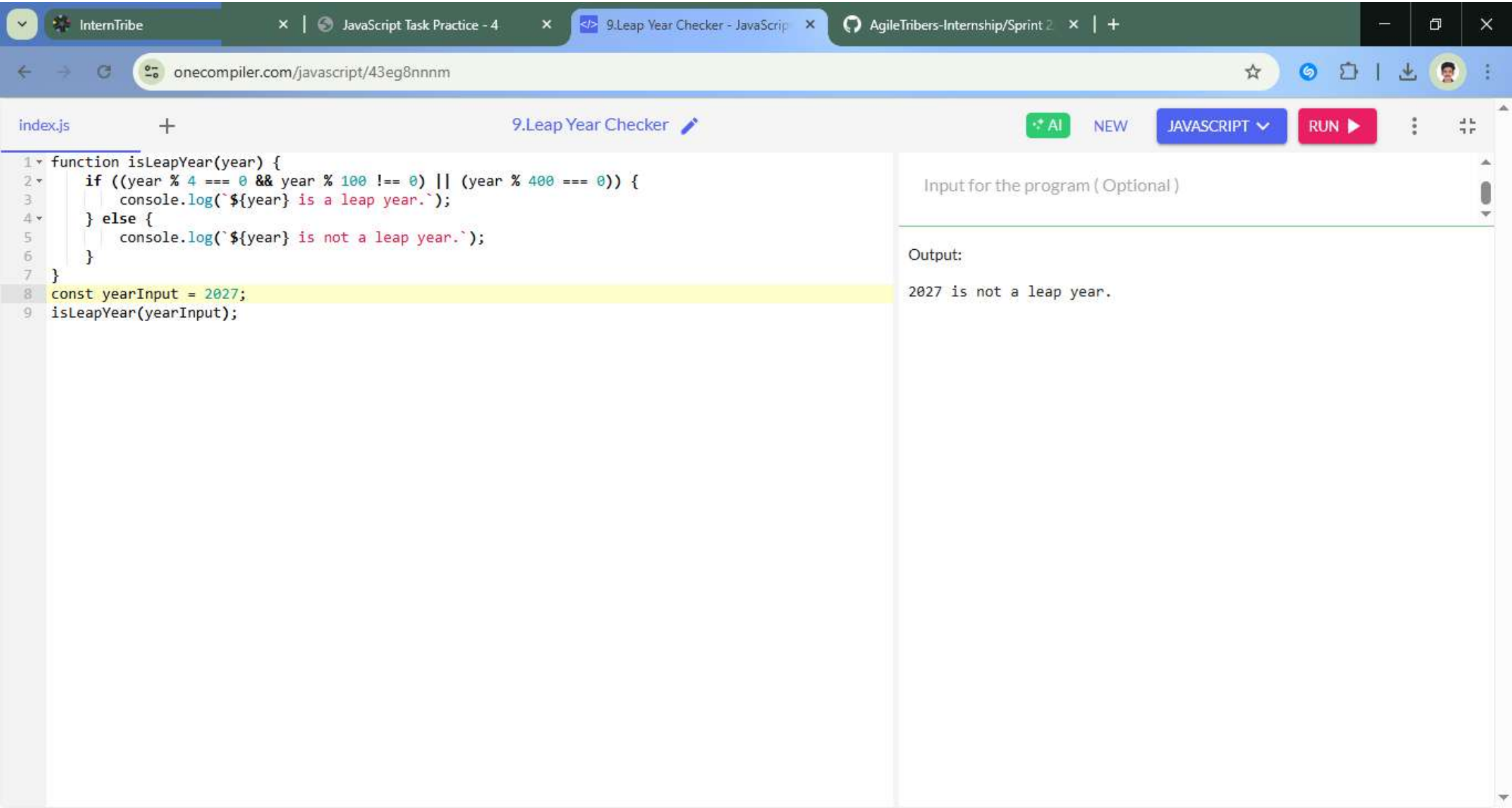
Output:

```
Grade: B
```


InternTribe
JavaScript Task Practice - 4
7.Age Based Messages - JavaSc
AgileTribers-Internship/Sprint 2
onecompiler.com/javascript/43eg2j8y7
index.js
7.Age Based Messages
AI
NEW
JAVASCRIPT
RUN
function ageMessage(age) {
if (age < 16) {
return "You're still a kid, enjoy your youth!";
} else if (age >= 16 && age <= 17) {
return "You're on the verge of adulthood, enjoy your freedom!";
} else if (age >= 18 && age <= 24) {
return "Welcome to adulthood! Make wise choices.";
} else if (age >= 25) {
return "You're in the prime of your life, seize the day!";
} else {
return "Invalid age. Please enter a valid age.";
}
}
const personAge = 20;
const result = ageMessage(personAge);
console.log(result);
Input for the program (Optional)
Output:
Welcome to adulthood! Make wise choices.


InternTribe
JavaScript Task Practice - 4
8.FizzBuzz - JavaScript - OneCo
AgileTribers-Internship/Sprint 2
onecompiler.com/javascript/43eg2j8y7
index.js
8.FizzBuzz
AI
NEW
JAVASCRIPT
RUN
function fizzBuzz() {
for (let i = 1; i <= 100; i++) {
if (i % 3 === 0 && i % 5 === 0) {
console.log("FizzBuzz");
} else if (i % 3 === 0) {
console.log("Fizz");
} else if (i % 5 === 0) {
console.log("Buzz");
} else {
console.log(i);
}
}
}
fizzBuzz();
Input for the program (Optional)
Output:
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
16
17
Fizz
19
Buzz
Fizz
22
23
Fizz


InternTribe
JavaScript Task Practice - 4
9.Leap Year Checker - JavaScrip
AgileTribers-Internship/Sprint 2
onecompiler.com/javascript/43eg8nnnm
index.js
9.Leap Year Checker
AI
NEW
JAVASCRIPT
RUN
function isLeapYear(year) {
if ((year % 4 === 0 && year % 100 !== 0) || (year % 400 === 0)) {
console.log(`${year} is a leap year.`);
} else {
console.log(`${year} is not a leap year.`);
}
}
const yearInput = 2028;
isLeapYear(yearInput);
Input for the program (Optional)
Output:
2028 is a leap year.


InternTribe
JavaScript Task Practice - 4
9.Leap Year Checker - JavaScrip
AgileTribers-Internship/Sprint 2
onecompiler.com/javascript/43eg8nnnm
index.js
9.Leap Year Checker
AI
NEW
JAVASCRIPT
RUN
function isLeapYear(year) {
if ((year % 4 === 0 && year % 100 !== 0) || (year % 400 === 0)) {
console.log(`${year} is a leap year.`);
} else {
console.log(`${year} is not a leap year.`);
}
}
const yearInput = 2027;
isLeapYear(yearInput);
Input for the program (Optional)
Output:
2027 is not a leap year.