```javascript
const readline = require("readline").createInterface({
  input: process.stdin,
  output: process.stdout,
});

readline.question("Enter a number: ", (input) => {
  let num = Number(input);

  console.log(`You entered: ${input}`);

  if (num > 0) {
    console.log("Positive");
  } else if (num < 0) {
    console.log("Negative");
```

```
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> node ex1.js
Enter a number: 5
You entered: 5
Positive
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4>
```

JS ex1.js   JS ex2.js ×   JS ex3.js   JS ex4.js   JS ex5.js   JS ex6.js   JS ex7.js   JS ex8.js

EXPLORER   ···

∨ JAVASRIPT TASKPRACTICE 4

JS ex2.js > ⊗ readline.question("Enter a number: ") callback

```javascript
      Tabnine | Edit | Test | Explain | Document
  6   readline.question("Enter a number: ", (input) => {
  7     let num = Number(input);
  8
  9     console.log(`You entered: ${input}`);
 10
 11     if (num % 2 === 0) {
 12       console.log("Even");
 13     } else {
 14       console.log("Odd");
 15     }
 16
 17     readline.close();
 18   });
 19
```

JS ex1.js
JS ex2.js
JS ex3.js
JS ex4.js
JS ex5.js
JS ex6.js
JS ex7.js
JS ex8.js
JS ex9.js

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

>_ powershell + ∨

PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> node ex2.js
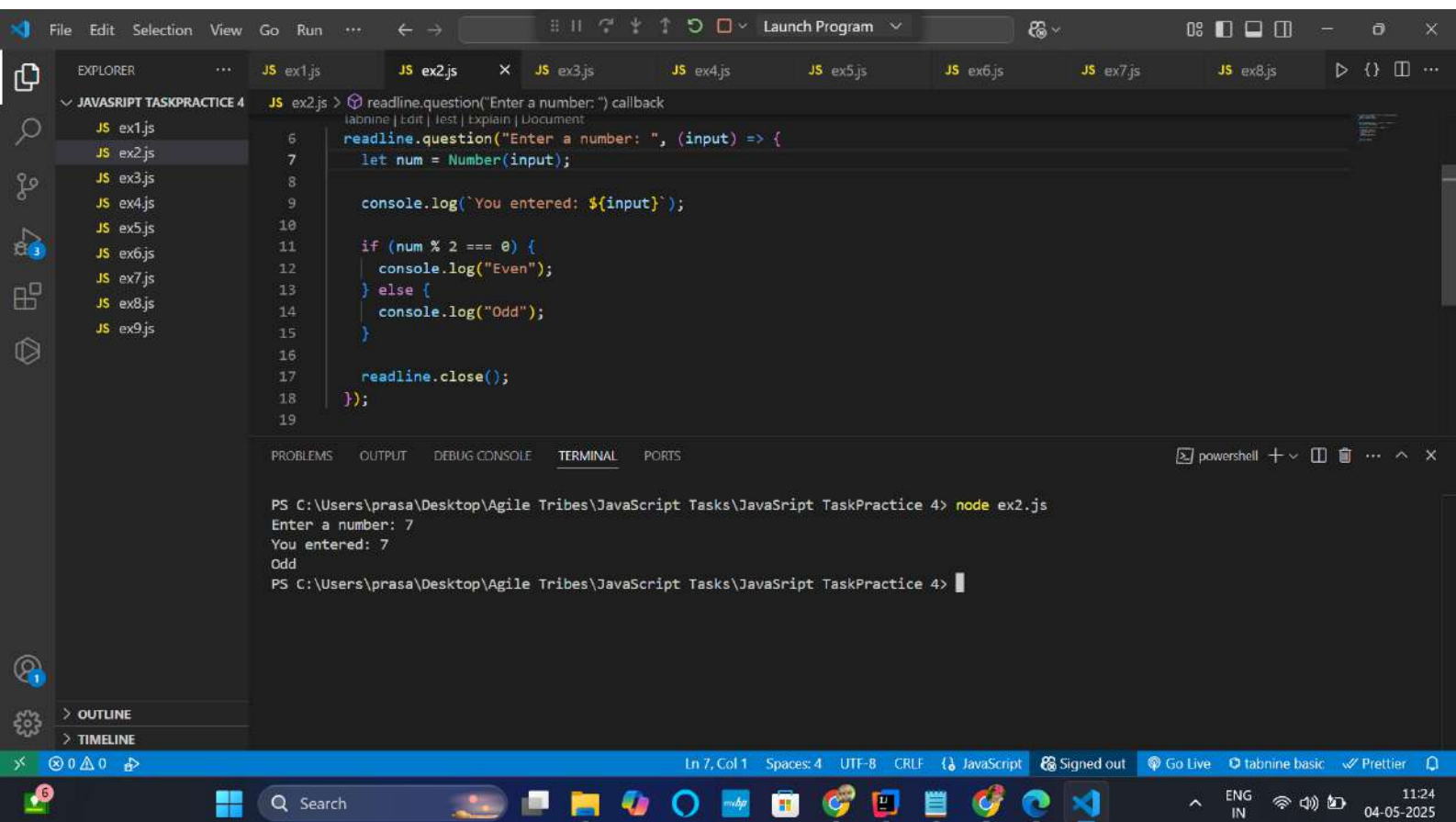Enter a number: 7
You entered: 7
Odd
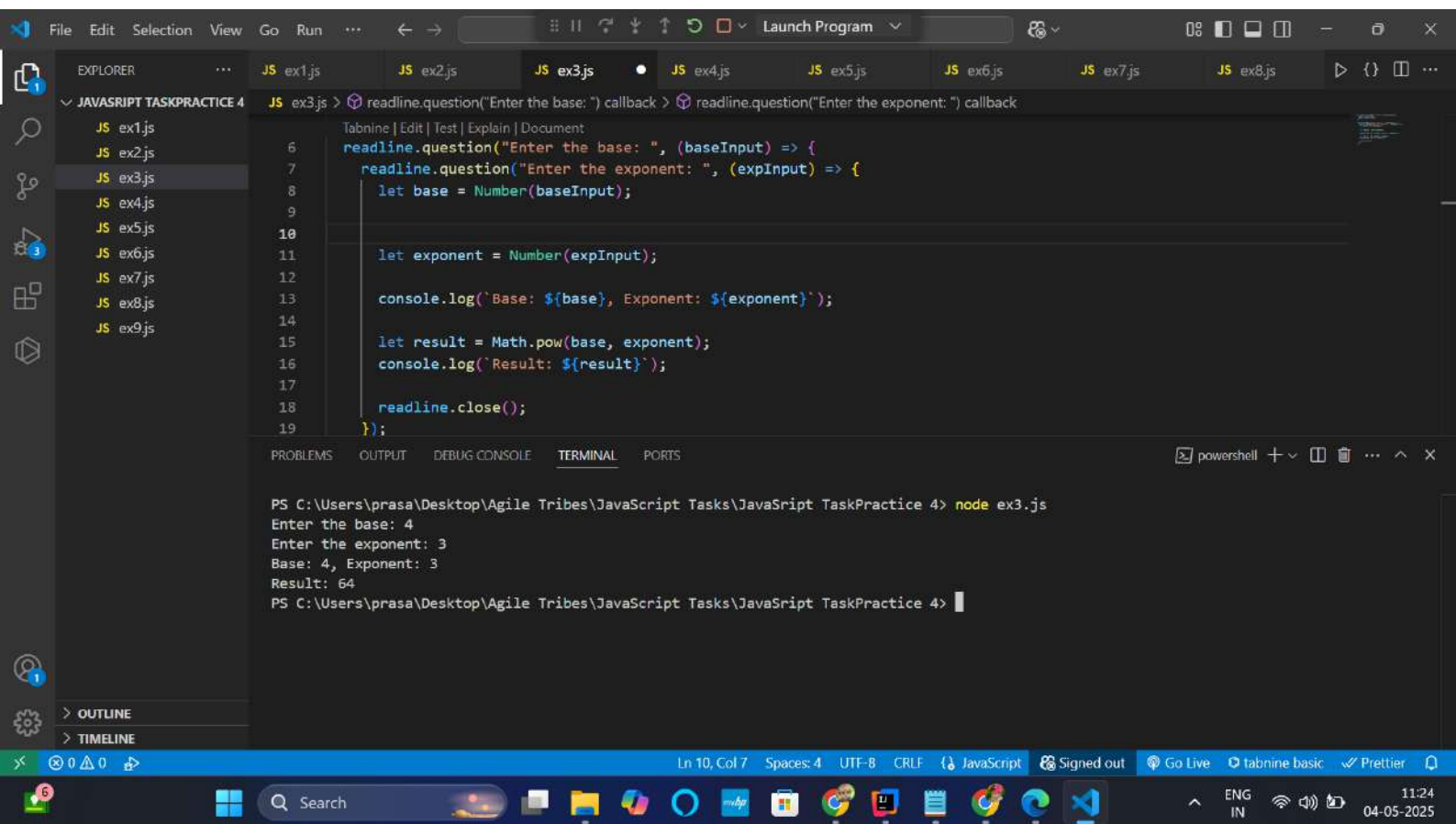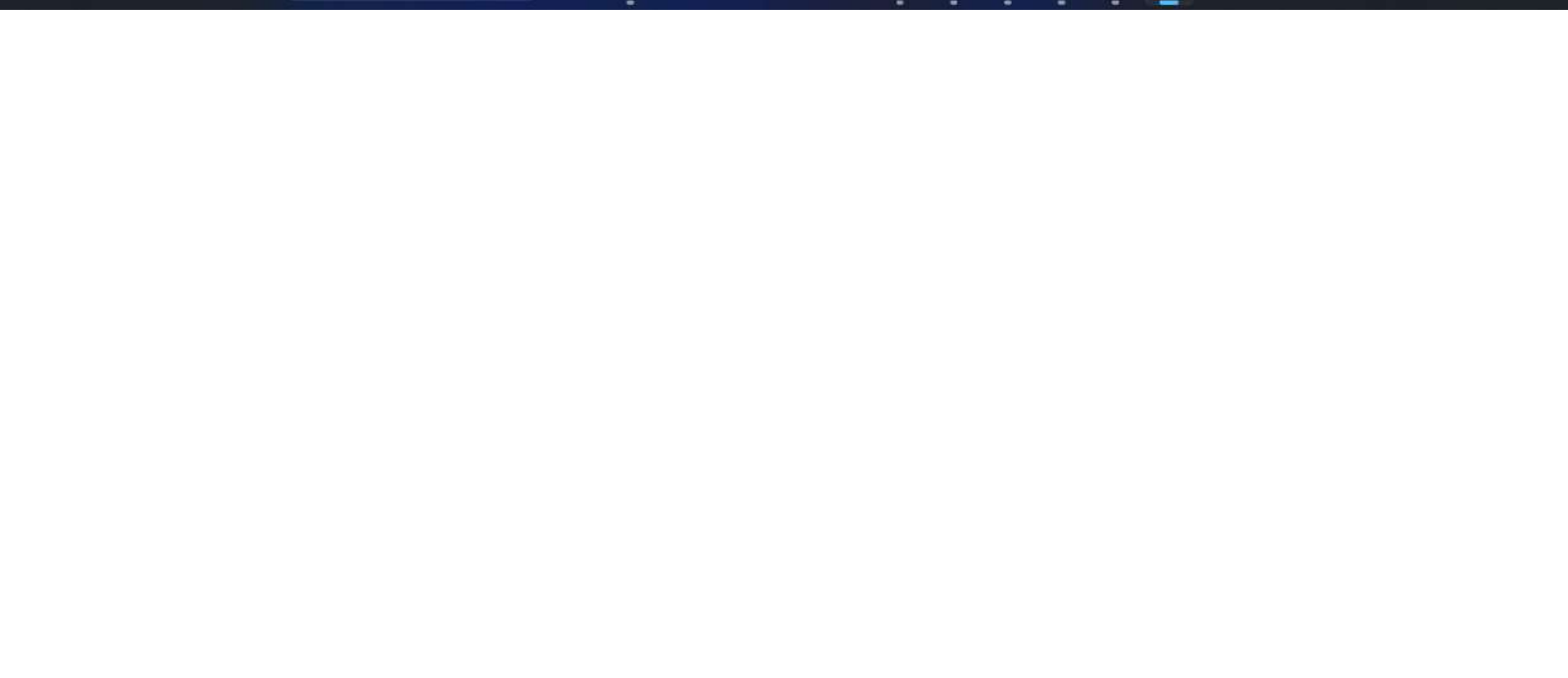PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4>

> OUTLINE
> TIMELINE

Ln 7, Col 1   Spaces: 4   UTF-8   CRLF   { } JavaScript   Signed out   Go Live   tabnine basic   Prettier

EXPLORER   ···   JS ex1.js   JS ex2.js   JS ex3.js   ●   JS ex4.js   JS ex5.js   JS ex6.js   JS ex7.js   JS ex8.js   ▷ {} ▯ ···

∨ JAVASRIPT TASKPRACTICE 4   JS ex3.js > ⊕ readline.question("Enter the base: ") callback > ⊕ readline.question("Enter the exponent: ") callback

    JS ex1.js   Tabnine | Edit | Test | Explain | Document
    JS ex2.js   6   readline.question("Enter the base: ", (baseInput) => {
    JS ex3.js   7   readline.question("Enter the exponent: ", (expInput) => {
    JS ex4.js   8   let base = Number(baseInput);
    JS ex5.js   9
    JS ex6.js   10
    JS ex7.js   11   let exponent = Number(expInput);
    JS ex8.js   12
    JS ex9.js   13   console.log(`Base: ${base}, Exponent: ${exponent}`);
                              14
                              15   let result = Math.pow(base, exponent);
                              16   console.log(`Result: ${result}`);
                              17
                              18   readline.close();
                              19   });

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   ⟩_ powershell + ∨ ▯ 🗑 ··· ∧ ×

PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> node ex3.js
Enter the base: 4
Enter the exponent: 3
Base: 4, Exponent: 3
Result: 64
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> ▊

```js
const readline = require("readline").createInterface({
    input: process.stdin,
    output: process.stdout,
});

// Tabnine | Edit | Test | Explain | Document
readline.question("Enter the first number: ", (num1Input) => {
    readline.question("Enter the second number: ", (num2Input) => {
        let num1 = Number(num1Input);
        let num2 = Number(num2Input);

        console.log(`First number: ${num1}, Second number: ${num2}`);

        if (num1 > num2) {
            console.log("The first number is greater.");
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> node ex4.js
Enter the first number: 35
Enter the second number: 45
First number: 35, Second number: 45
The second number is greater.
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4>
```

```
JS ex5.js > ...
1   const readline = require("readline").createInterface({
2       input: process.stdin,
3       output: process.stdout,
4   });
5
    Tabnine | Edit | Test | Explain | Document
6   readline.question("Enter a year: ", (yearInput) => {
7       let year = Number(yearInput);
8
9       console.log(`You entered: ${year}`);
10
11      if ((year % 4 === 0 && year % 100 !== 0) || (year % 400 === 0)) {
12        console.log("Leap year");
13      } else {
14        console.log("Not a leap year");
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

```
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> node ex5.js
Enter a year: 2004
You entered: 2004
Leap year
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4>
```

```javascript
const readline = require("readline").createInterface({
  input: process.stdin,
  output: process.stdout,
});

// Tabnine | Edit | Test | Explain | Document
readline.question("Enter the student's score: ", (scoreInput) => {
  let score = Number(scoreInput);

  console.log(`You entered: ${score}`);

  if (score >= 90 && score <= 100) {
    console.log("Grade: A");
  } else if (score >= 80 && score <= 89) {
    console.log("Grade: B");
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> node ex6.js
Enter the student's score: 89
You entered: 89
Grade: B
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4>
```

```javascript
    readline.question("Enter your age: ", (ageInput) => {
        console.log(`You entered: ${age}`);

        if (age < 16) {
            console.log("You can't drive.");
        } else if (age >= 16 && age <= 17) {
            console.log("You can drive but not vote.");
        } else if (age >= 18 && age <= 24) {
            console.log("You can vote but not rent a car.");
        } else if (age >= 25) {
            console.log("You can do pretty much anything.");
        } else {
            console.log("Invalid age.");
        }
```

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> node ex7.js
Enter your age: 36
You entered: 36
You can do pretty much anything.
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4>
```

File   Edit   Selection   View   Go   Run   ···   ←   →   ‖ ⟳ ↓ ↑ ⟲ ☐ ∨   Launch Program ∨   🐝∨   ⬚ ⬛ ⬜ ⬚   —   ⬛   ✕

EXPLORER   ···   JS ex1.js   JS ex2.js   JS ex3.js   ●   JS ex4.js   JS ex5.js   JS ex6.js   JS ex7.js   JS ex8.js   ✕   ▷ {} ⬚ ···

∨ JAVASRIPT TASKPRACTICE 4   JS ex8.js > ⊗ readline.question("Enter the number : ") callback

   JS ex1.js   4   });
   JS ex2.js   5
   JS ex3.js   Tabnine | Edit | Test | Explain | Document
   JS ex4.js   6   readline.question("Enter the number : ", (i) => {
   JS ex5.js   7   let num = Number(i);
   JS ex6.js   8
   JS ex7.js   9
   JS ex8.js   10   if (num % 3 === 0 && num % 5 === 0) {
   JS ex9.js   11   console.log("FizzBuzz");
                          12   } else if (num % 3 === 0) {
                          13   console.log("Fizz");
                          14   } else if (num % 5 === 0) {
                          15   console.log("Buzz");
                          16   } else {
                          17   console.log(num);

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   ⟩ powershell + ∨ ⬚ 🗑 ··· ∧ ✕

PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> node ex8.js
Enter the number : 30
FizzBuzz
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> █

✕ ⊗ 0 ⚠ 0 ⇆   Ln 9, Col 4   Spaces: 4   UTF-8   CRLF {↓ JavaScript   😊 Signed out   🔵 Go Live   🔾 tabnine basic   ✅ Prettier   🔔

```javascript
const readline = require("readline").createInterface({
  input: process.stdin,
  output: process.stdout,
});

// Tabnine | Edit | Test | Explain | Document
readline.question("Enter the year: ", (yearInput) => {
  let year = Number(yearInput);

  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`);
  }
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4> node ex9.js
Enter the year: 2025
2025 is not a leap year
PS C:\Users\prasa\Desktop\Agile Tribes\JavaScript Tasks\JavaSript TaskPractice 4>
```