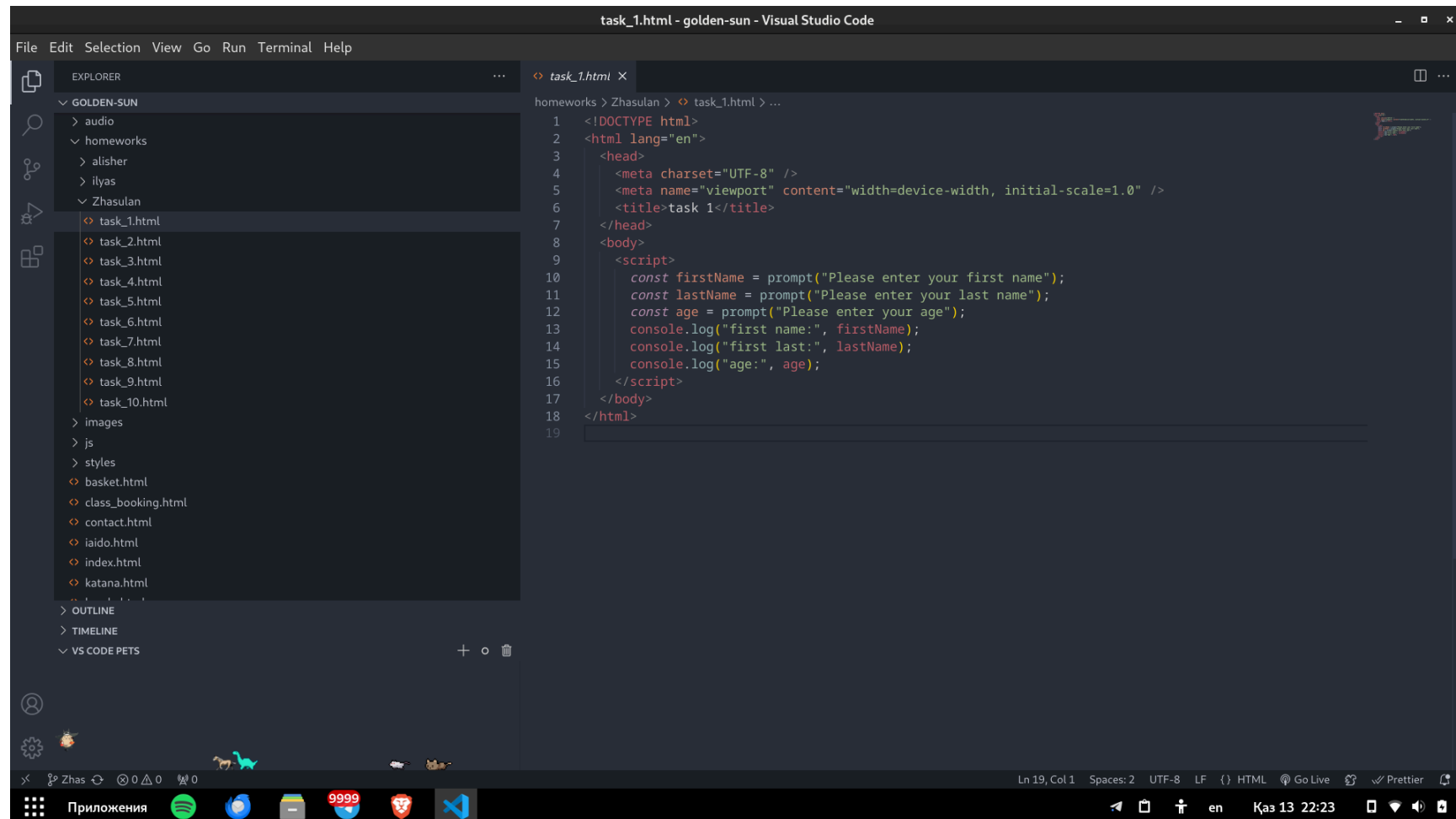


**Zhasulan Abdigaliyev 230332,  
SE-2304.**

## Assignment 4 Task 1



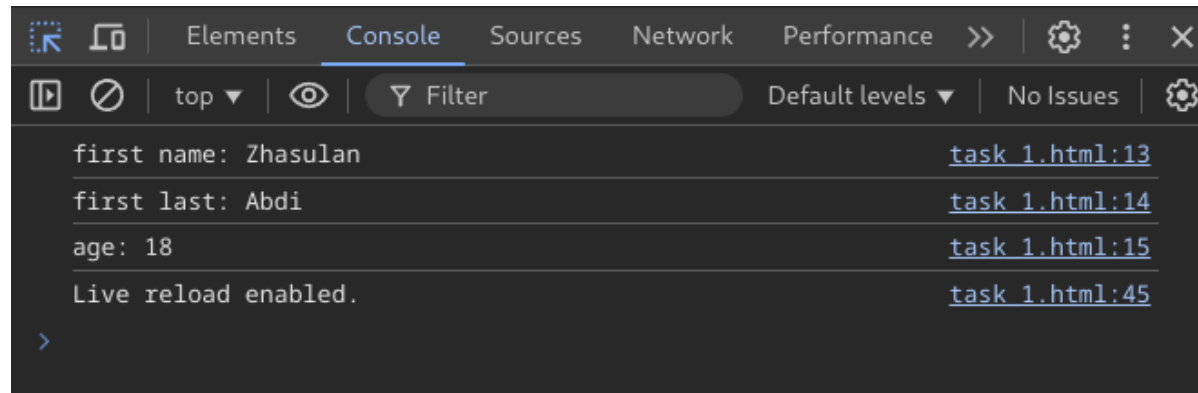
The screenshot shows the Visual Studio Code editor interface. The Explorer panel on the left displays a file tree with the following structure:

- GOLDEN-SUN
  - audio
  - homeworks
    - alisher
    - ilyas
    - Zhasulan
      - task\_1.html (selected)
      - task\_2.html
      - task\_3.html
      - task\_4.html
      - task\_5.html
      - task\_6.html
      - task\_7.html
      - task\_8.html
      - task\_9.html
      - task\_10.html
- images
- js
- styles
- basket.html
- class\_booking.html
- contact.html
- laido.html
- index.html
- katana.html

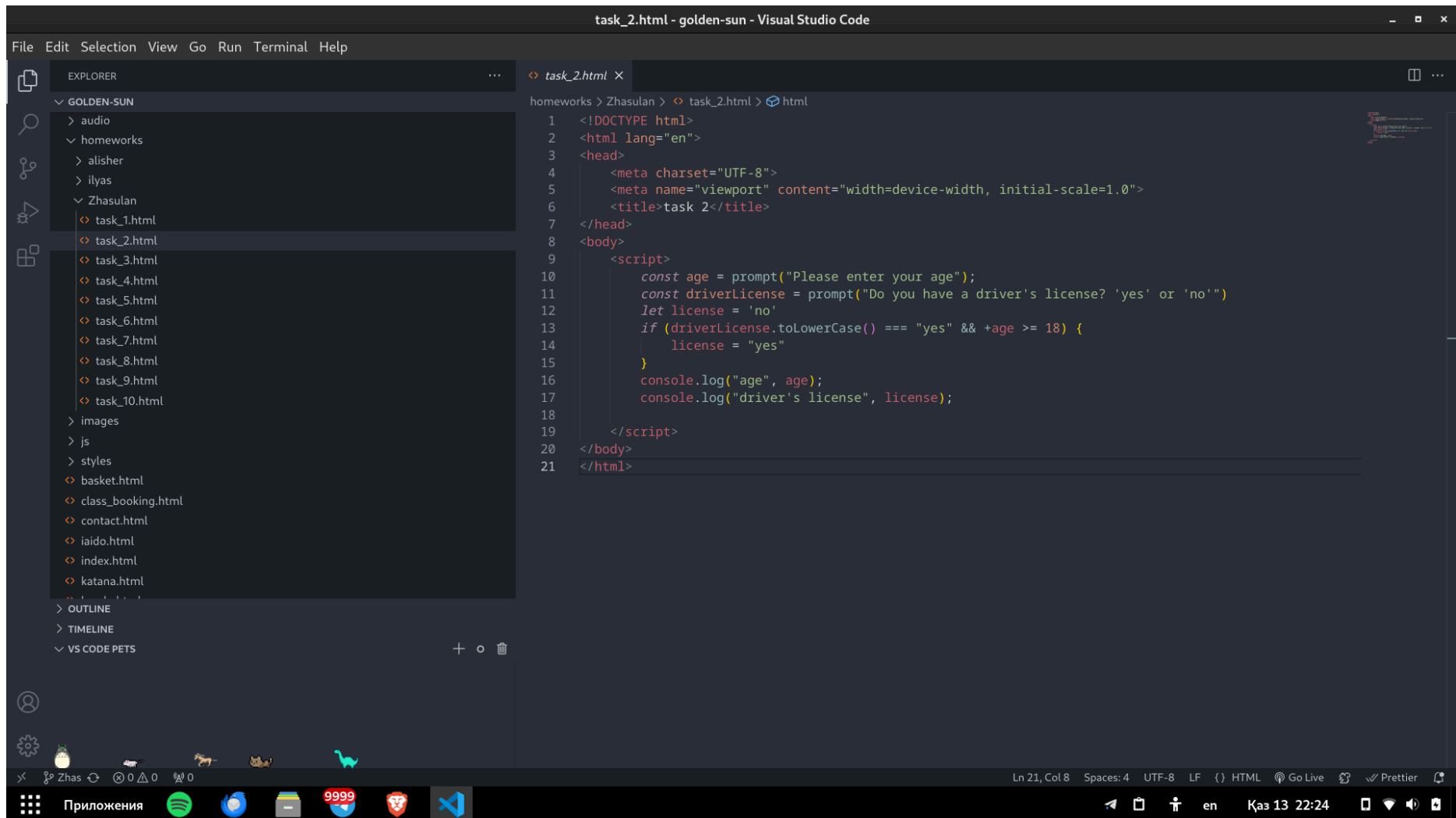
The main editor area shows the content of `task_1.html`:

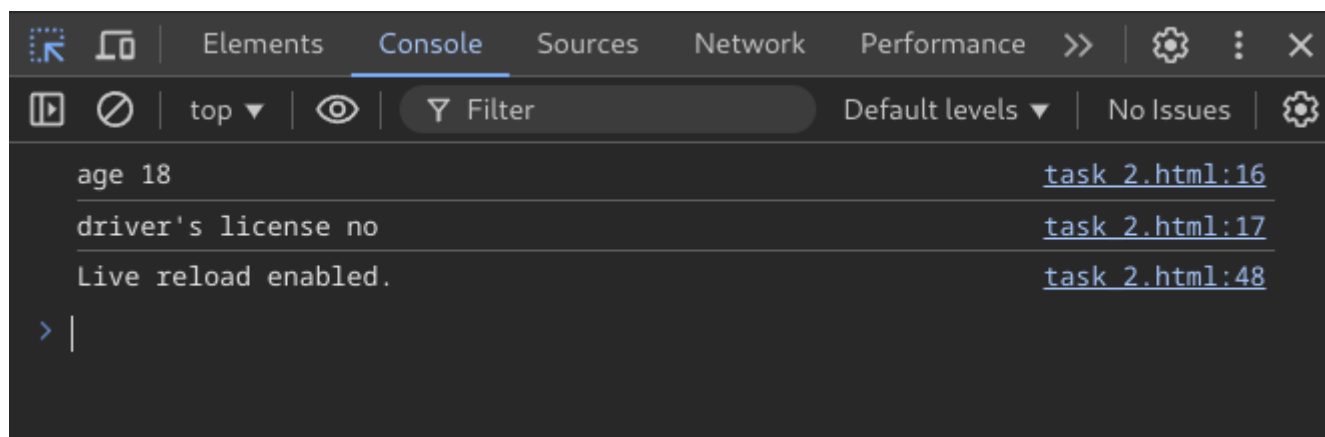
```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>task 1</title>
7   </head>
8   <body>
9     <script>
10      const firstName = prompt("Please enter your first name");
11      const lastName = prompt("Please enter your last name");
12      const age = prompt("Please enter your age");
13      console.log("first name:", firstName);
14      console.log("first last:", lastName);
15      console.log("age:", age);
16    </script>
17  </body>
18 </html>
19
```

The status bar at the bottom indicates the current file is `Ln 19, Col 1`, with `Spaces: 2`, `UTF-8` encoding, `LF` line endings, and `HTML` language. The system tray at the bottom shows the time as `Қаз 13 22:23`.



## Task 2





## Task 3

The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor in the center. The file explorer shows a project named 'GOLDEN-SUN' with a folder 'Zhasulan' containing files 'task\_1.html' through 'task\_10.html'. The code editor displays the content of 'task\_3.html', which is an HTML document with a JavaScript script. The script prompts the user to enter a number and then checks if it is even, a multiple of 5, or greater than 10, logging the results to the console.

```
task_3.html - golden-sun - Visual Studio Code

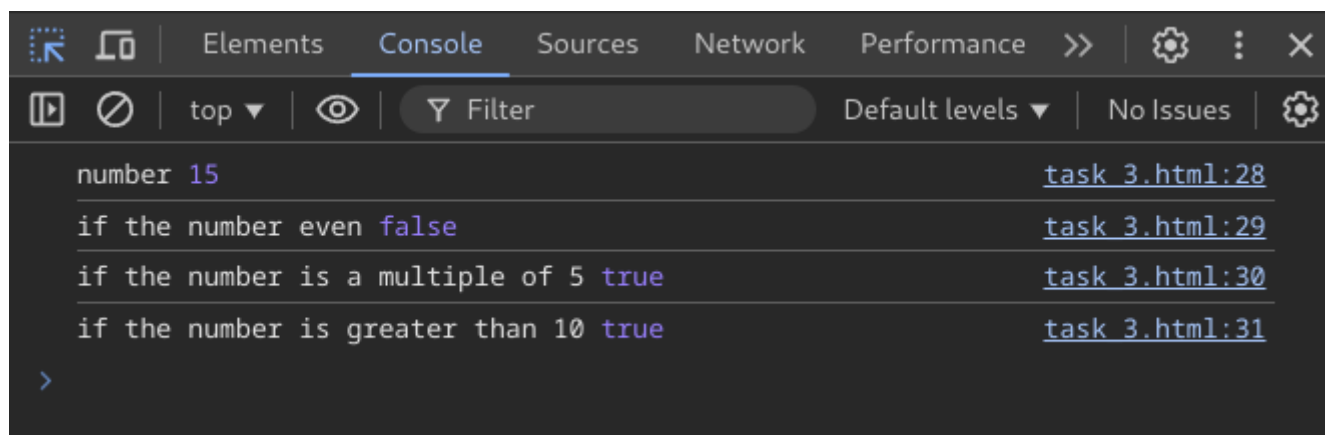
File Edit Selection View Go Run Terminal Help

EXPLORER
GOLDEN-SUN
├── audio
├── homeworks
├── alisher
├── ilyas
├── Zhasulan
│   ├── task_1.html
│   ├── task_2.html
│   ├── task_3.html
│   ├── task_4.html
│   ├── task_5.html
│   ├── task_6.html
│   ├── task_7.html
│   ├── task_8.html
│   ├── task_9.html
│   └── task_10.html
├── images
├── js
├── styles
├── basket.html
├── class_booking.html
├── contact.html
├── iaido.html
├── index.html
├── katana.html
├── OUTLINE
├── TIMELINE
└── VS CODE PETS

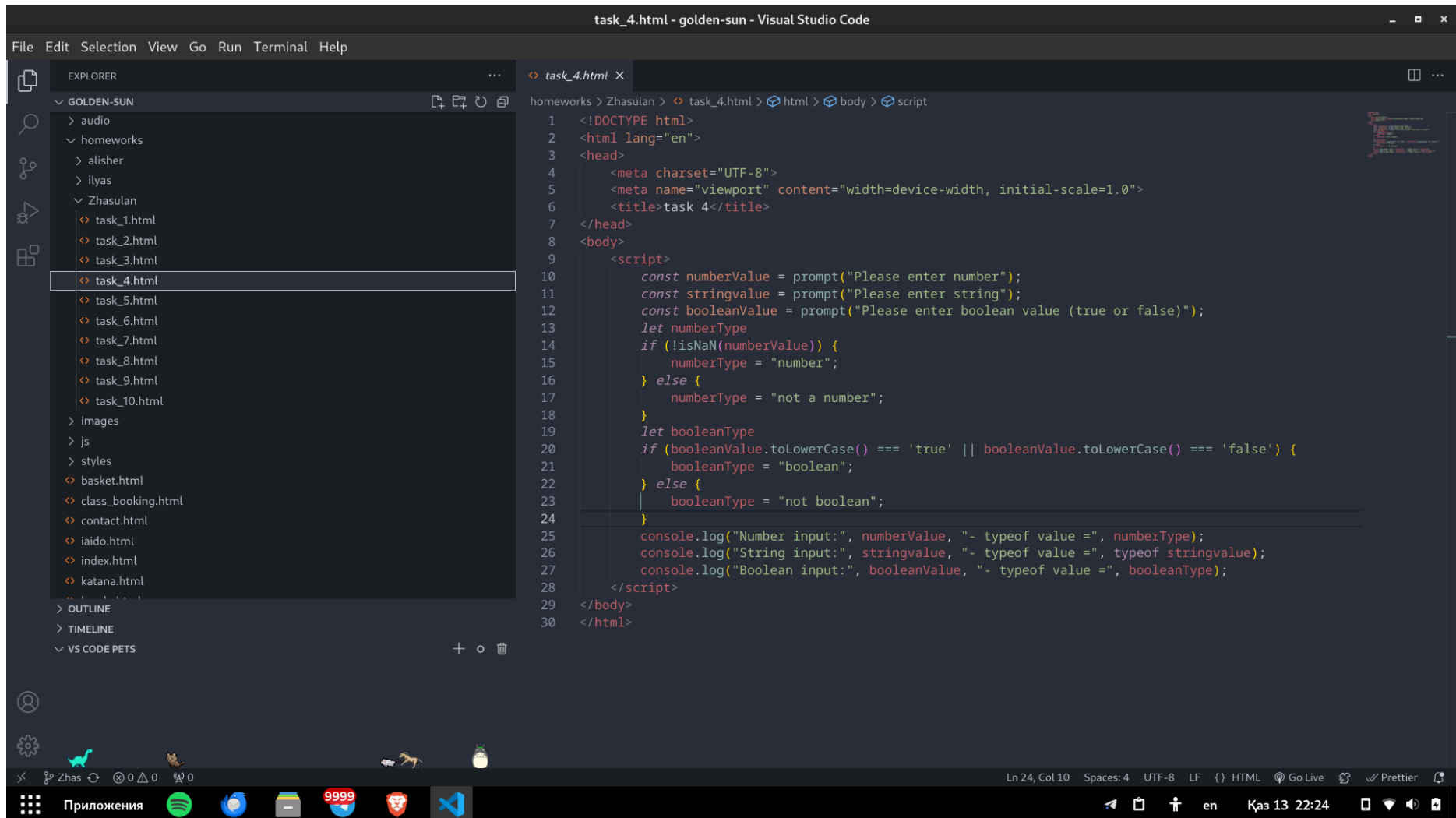
task_3.html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>task 3</title>
7 </head>
8 <body>
9   <script>
10     const number = prompt("Please enter number");
11     let even
12     let odd
13     let milt5 = false;
14     let greater10 = false;
15     if (+number % 2 === 0) {
16       even = true
17       odd = false
18     } else {
19       even = false
20       odd = true
21     }
22     if (+number % 5 === 0) {
23       milt5 = true
24     }
25     if (+number > 10) {
26       greater10 = true
27     }
28     console.log("number", +number);
29     console.log("if the number even", even);
30     console.log("if the number is a multiple of 5", milt5);
31     console.log("if the number is greater than 10", greater10);
32   </script>
33 </body>
34 </html>
```

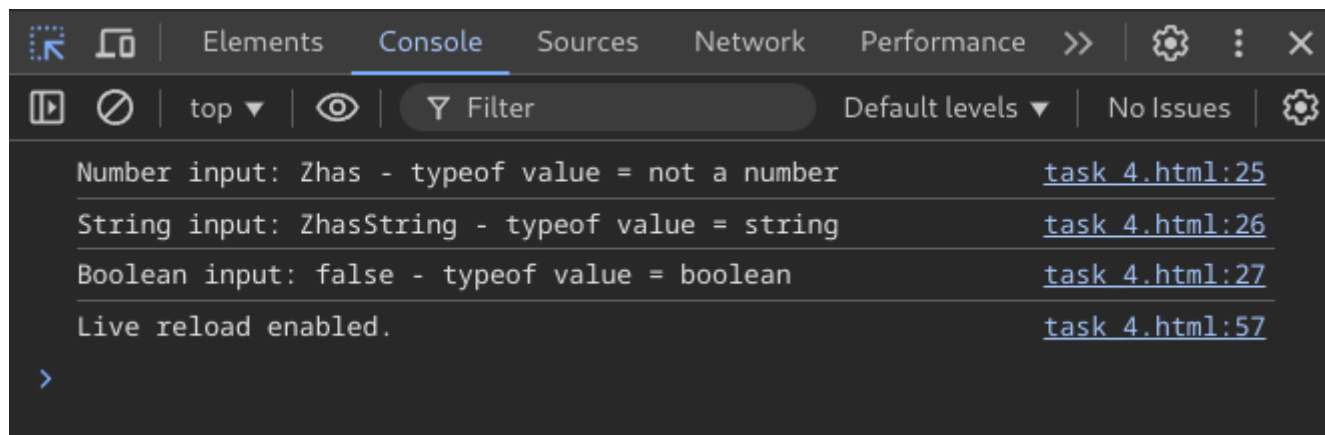
Ln 27, Col 10 Spaces: 4 UTF-8 LF {} HTML Go Live Prettier

Приложения 9999 22:24



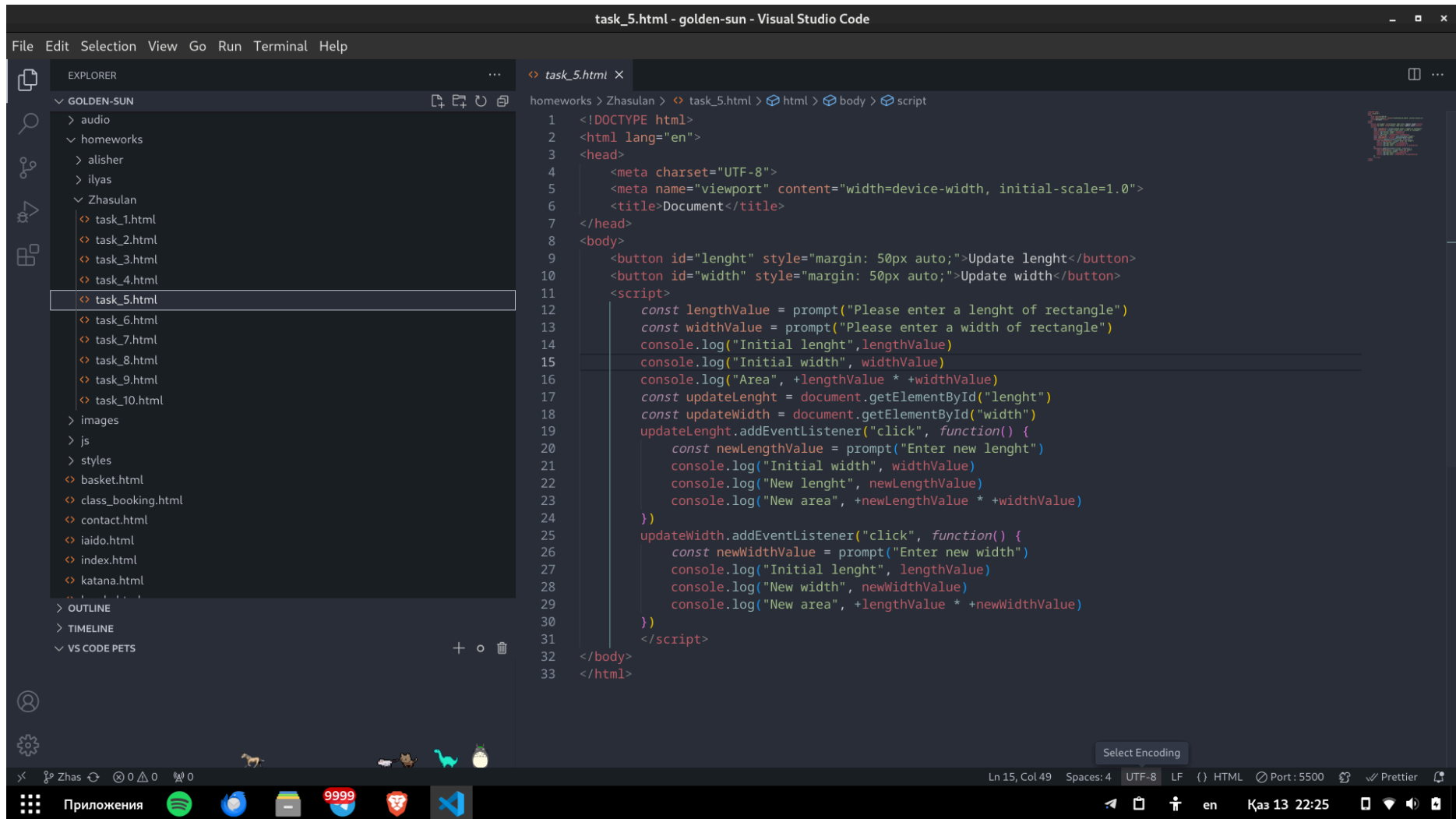
## Task 4

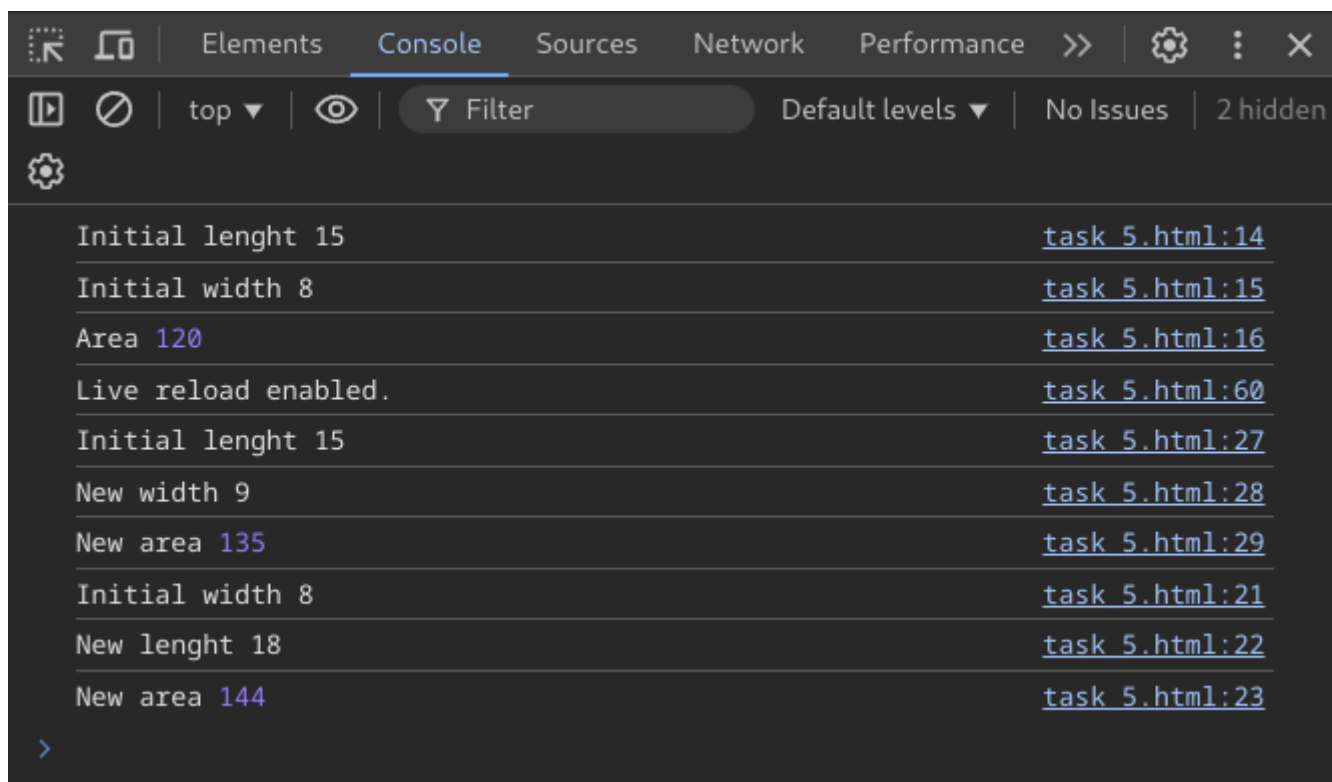




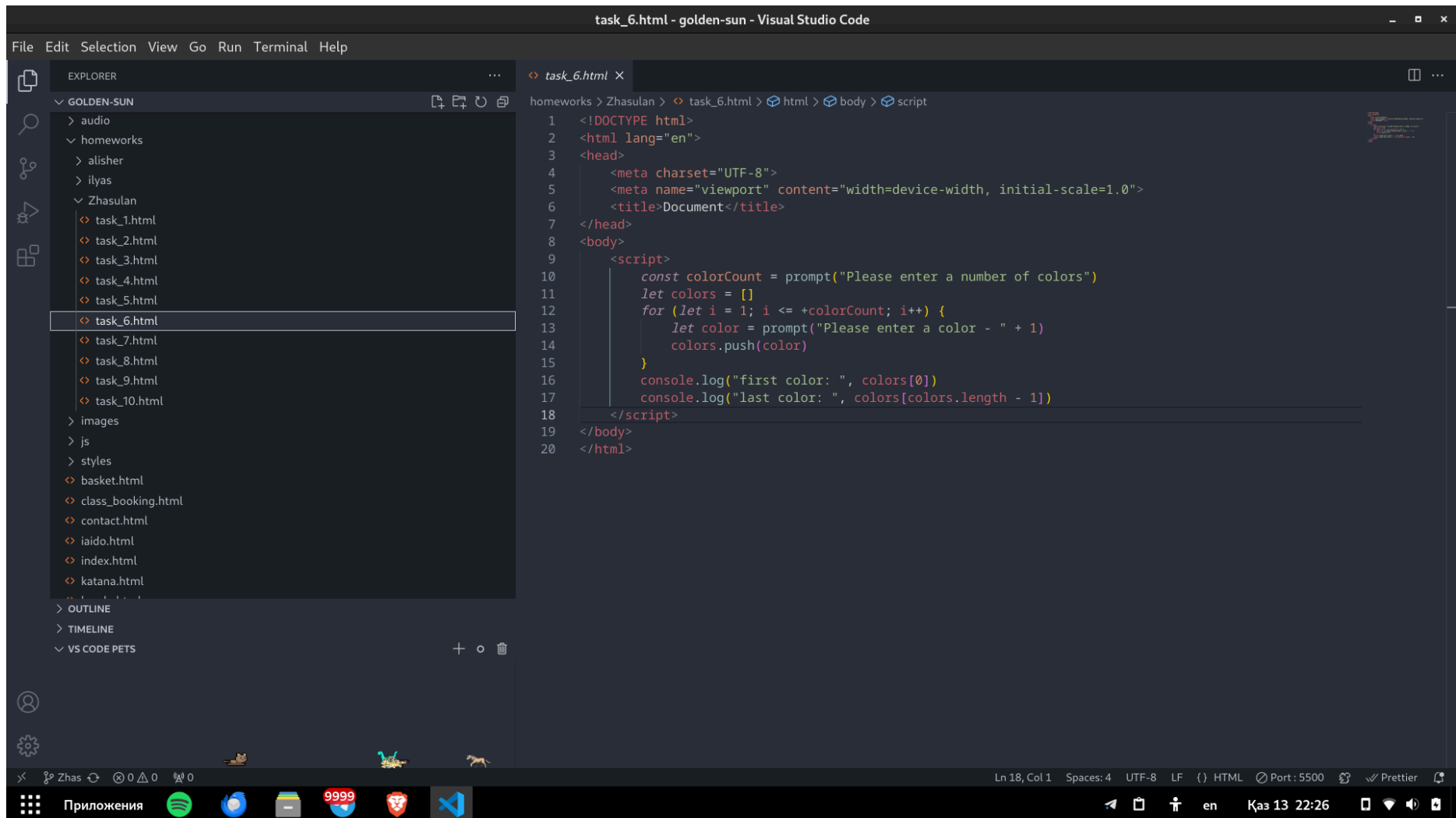


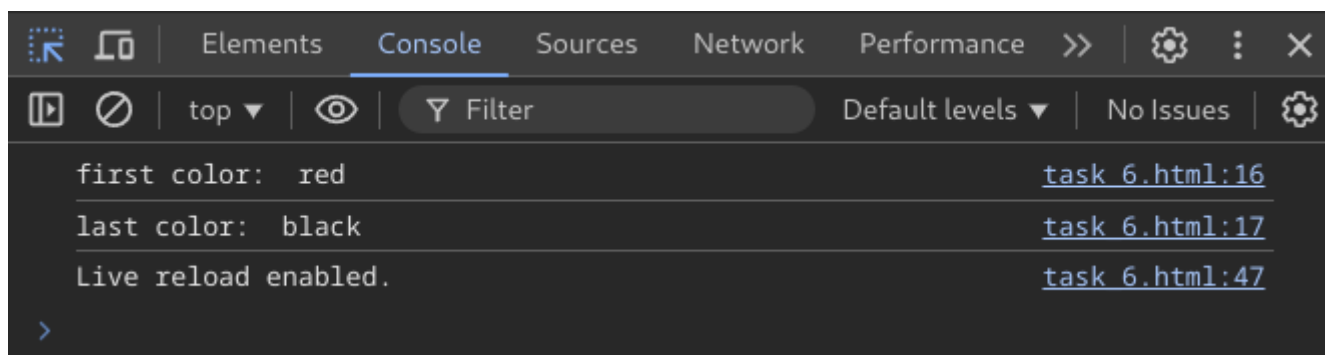
## Task 5



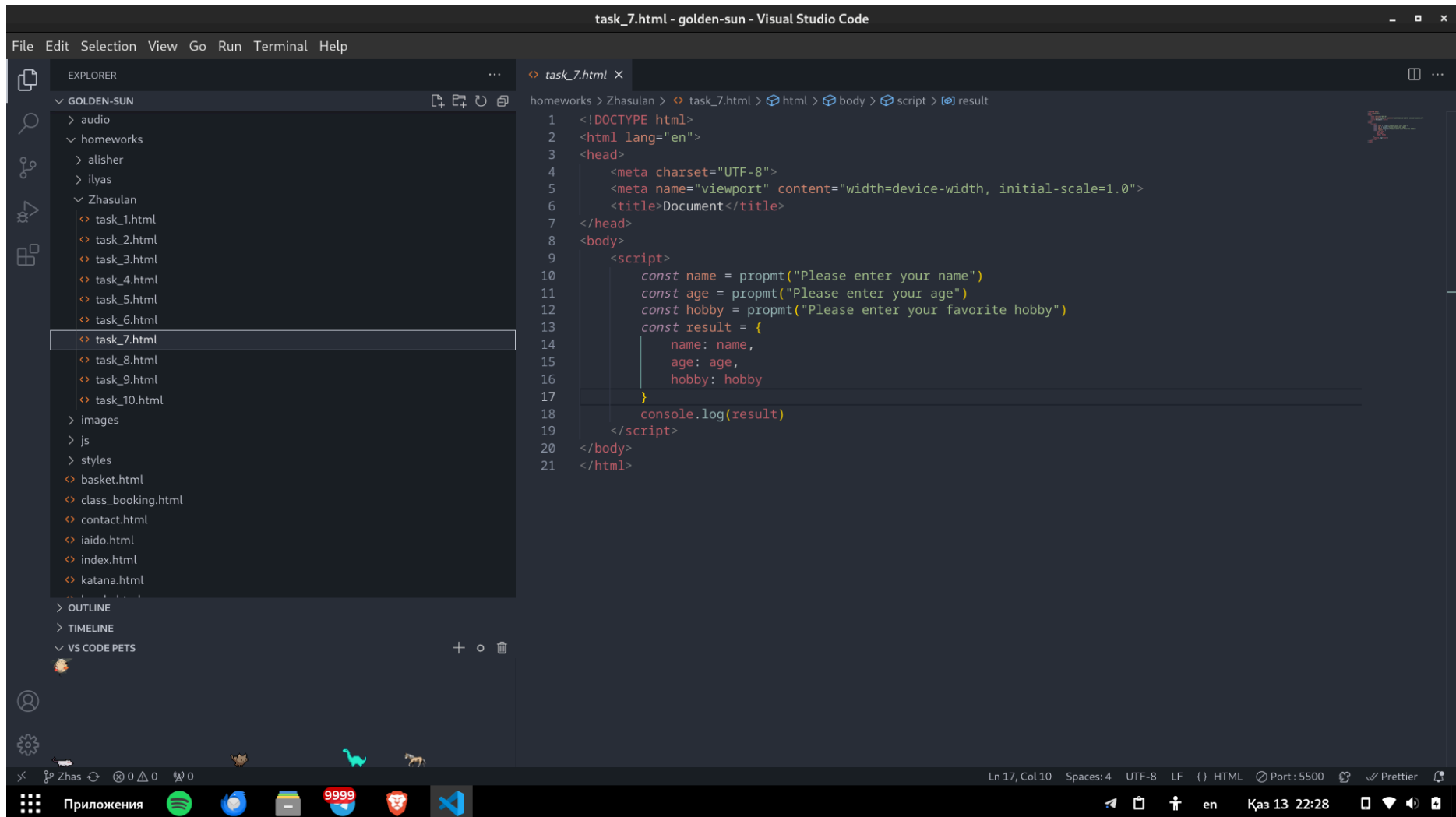


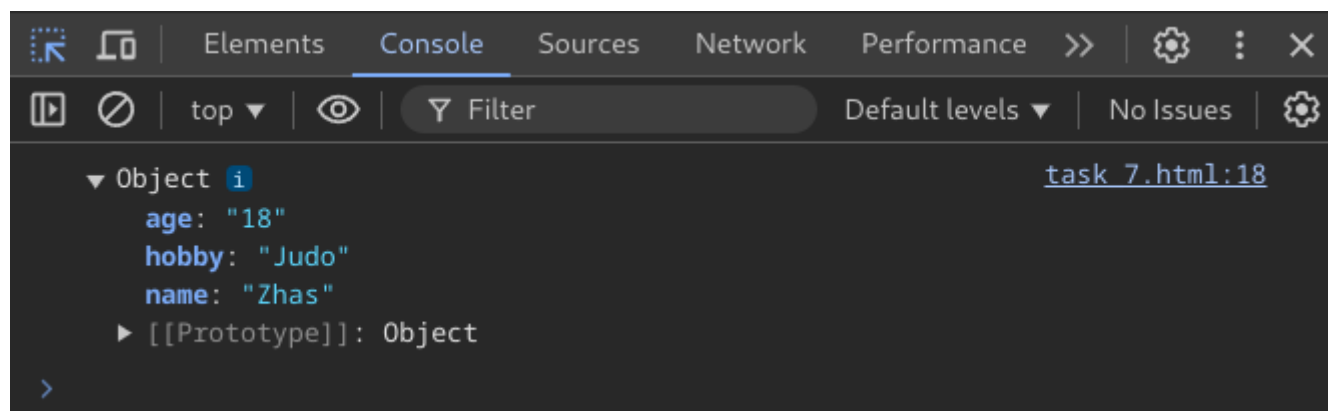
## Task 6



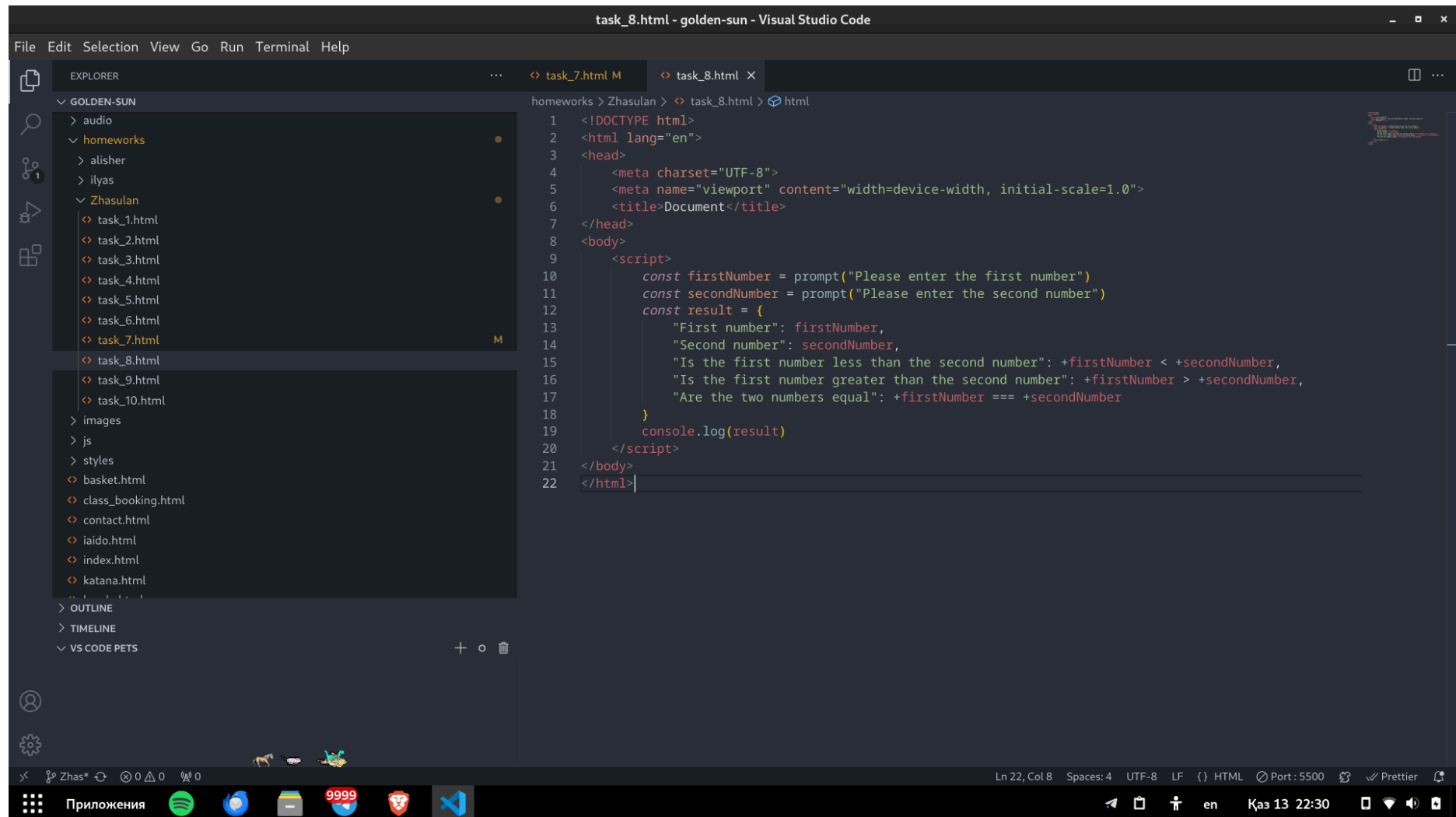


## Task 7





## Task 8



The screenshot shows the Visual Studio Code editor interface. The Explorer sidebar on the left displays a file tree for a project named 'GOLDEN-SUN'. The file 'task\_8.html' is selected. The main editor area shows the content of 'task\_8.html', which is an HTML document with embedded JavaScript code. The code prompts the user for two numbers and compares them.

```
task_8.html - golden-sun - Visual Studio Code

File Edit Selection View Go Run Terminal Help

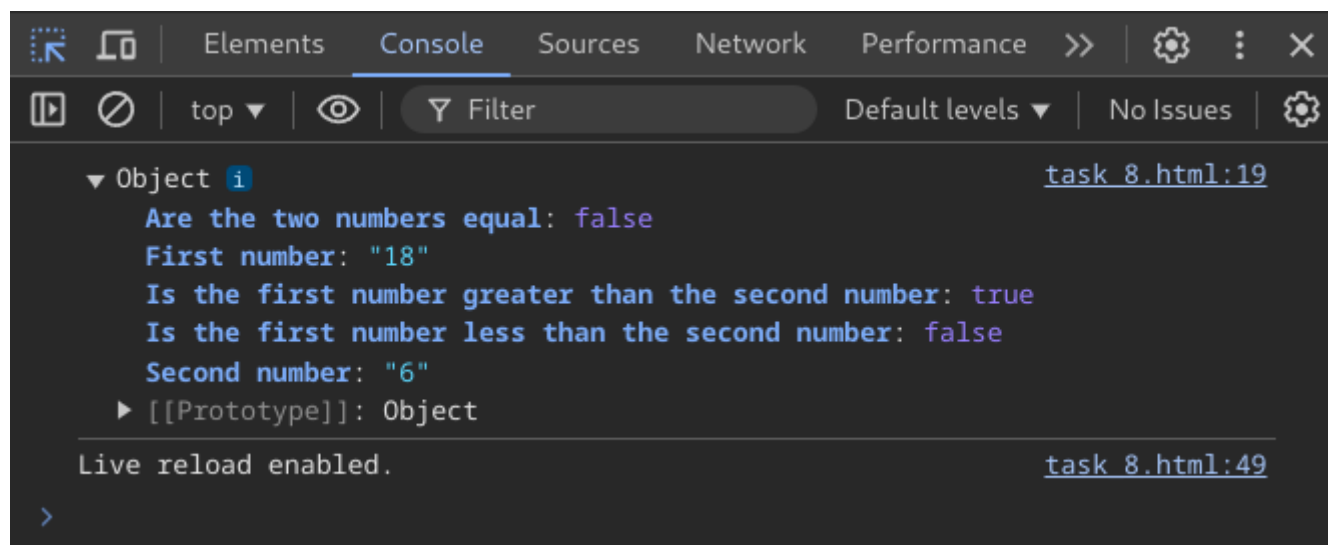
EXPLORER
GOLDEN-SUN
├── audio
├── homeworks
│   ├── alisher
│   ├── ilyas
│   └── Zhasulan
│       ├── task_1.html
│       ├── task_2.html
│       ├── task_3.html
│       ├── task_4.html
│       ├── task_5.html
│       ├── task_6.html
│       ├── task_7.html
│       └── task_8.html
├── task_9.html
├── task_10.html
├── images
├── js
├── styles
├── basket.html
├── class_booking.html
├── contact.html
├── iaido.html
├── index.html
├── katana.html
├── OUTLINE
├── TIMELINE
└── VS CODE PETS

homeworks > Zhasulan > task_8.html > html

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7 </head>
8 <body>
9   <script>
10     const firstNumber = prompt("Please enter the first number")
11     const secondNumber = prompt("Please enter the second number")
12     const result = {
13       "First number": firstNumber,
14       "Second number": secondNumber,
15       "Is the first number less than the second number": +firstNumber < +secondNumber,
16       "Is the first number greater than the second number": +firstNumber > +secondNumber,
17       "Are the two numbers equal": +firstNumber === +secondNumber
18     }
19     console.log(result)
20   </script>
21 </body>
22 </html>
```

Ln 22, Col 8 Spaces: 4 UTF-8 LF {} HTML Port: 5500 Prettier

Приложения





## Task 9

The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor in the center. The file explorer shows a project named 'GOLDEN-SUN' with a 'homeworks' folder containing files 'task\_1.html' through 'task\_10.html'. The 'task\_9.html' file is selected. The code editor displays the content of 'task\_9.html', which is an HTML document with a JavaScript script. The script prompts the user to enter fruits and a new fruit, then logs the array of fruits to the console. The status bar at the bottom indicates the file is 'task\_9.html' in the 'golden-sun' workspace, using UTF-8 encoding, and is 18 lines long with 8 columns. The system tray at the bottom shows the date and time as 'Қаз 13 22:33'.

task\_9.html - golden-sun - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

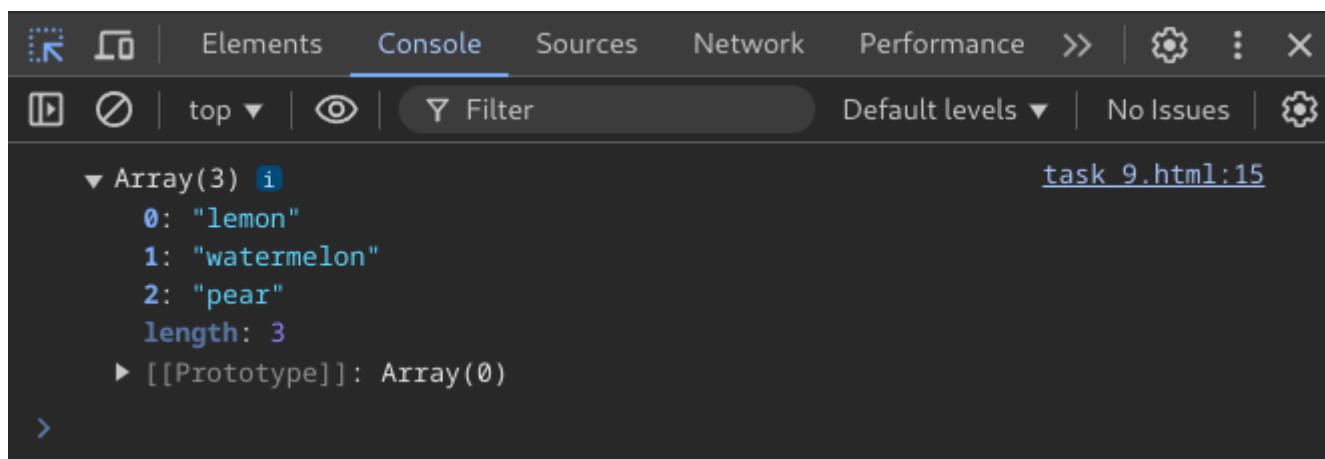
- GOLDEN-SUN
  - audio
  - homeworks
    - alisher
    - ilyas
    - Zhasulan
      - task\_1.html
      - task\_2.html
      - task\_3.html
      - task\_4.html
      - task\_5.html
      - task\_6.html
      - task\_7.html M
      - task\_8.html
      - task\_9.html M
      - task\_10.html
  - images
  - js
  - styles
  - basket.html
  - class\_booking.html
  - contact.html
  - iaido.html
  - index.html
  - katana.html
- OUTLINE
- TIMELINE
- VS CODE PETS

task\_9.html

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7 </head>
8 <body>
9   <script>
10     const fruits = prompt("Please enter fruits (ex.apple, orange ...").split(' ').join('')
11     const newFruit = prompt("Please enter new fruit").split(' ').join('')
12     const arr = fruits.split(",")
13     arr.pop()
14     arr.unshift(newFruit)
15     console.log(arr)
16   </script>
17 </body>
18 </html>
```

Ln 18, Col 8 Spaces: 4 UTF-8 LF {} HTML Port: 5500 Prettier

Приложения



## Task 10

task\_10.html - golden-sun - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

- GOLDEN-SUN
  - audio
  - homeworks
    - alisher
    - ilyas
    - Zhasulan
      - task\_1.html
      - task\_2.html
      - task\_3.html
      - task\_4.html
      - task\_5.html
      - task\_6.html
      - task\_7.html
      - task\_8.html
      - task\_9.html
      - task\_10.html
  - images
  - js
  - styles
    - basket.html
    - class\_booking.html
    - contact.html
    - laido.html
    - index.html
    - katana.html
    - kendo.html
    - kenjutsu.html
    - payment\_completed.html
    - payment.html
    - README.md
    - shop\_books.html
  - OUTLINE
  - TIMELINE
  - VS CODE PETS

task\_10.html

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7 </head>
8 <body>
9   <script>
10     const firstNumber = prompt("Please enter the first number")
11     const secondNumber = prompt("Please enter the second number")
12     const operation = prompt("Please enter the operation")
13     let firstNumberValidation = true
14     if (isNaN(firstNumber)) {
15       firstNumberValidation = false
16     }
17     let secondNumberValidation = true
18     if (isNaN(secondNumber)) {
19       secondNumberValidation = false
20     }
21     let operationResult
22     if (!firstNumberValidation || !secondNumberValidation) {
23       operationResult = "Invalid numbers"
24     } else if (operation === "*") {
25       operationResult = +firstNumber * +secondNumber
26     } else if (operation === "/") {
27       if (secondNumber === "0") {
28         operationResult = "You cannot divide by zero"
29       } else {
30         operationResult = +firstNumber / +secondNumber
31       }
32     } else if (operation === "+") {
33       operationResult = +firstNumber + +secondNumber
34     } else if (operation === "-") {
35       operationResult = +firstNumber - +secondNumber
36     } else {
37       operationResult = "Invalid operation"
38     }
39     const result = {
40       "First number": firstNumberValidation ? firstNumber : "First number is not a valid number",
41       "Second number": secondNumberValidation ? secondNumber : "Second number is not a valid number",
42       "Result": operationResult
43     }
44     console.log(result)
45   </script>
46 </body>
```

Ln 47, Col 8 Spaces: 4 UTF-8 LF {} HTML Port: 5500 Prettier

Приложения

9999

Қаз 13 22:38

