CHALLENGEs are OPTIONAL

00. Create directory panda/your\_name/hw/hw-2024-05-16

00. Create directory panda/your\_name/projects/06-nim etc.

0. Projects

00-portfolio - get some ideas, what do you want

00-tic-tac-toe - 30.04.2024

01-is-it-a-prime-number - 30.04.2024

02-css-explanator - 30.04.2024

03-questionnaire - 8.05.2024

04-binary-guessing - 16.05.2024 - small groups

05-string-games - "fix the clock" and "random quote" parts - 16.05.2024

06-nim - 23.05.2024 - small groups

Optional Projects:

- Canvas "Breakout Game"

- "Endless Dangers" - see the description below

- "Dreidel"

1. Start NodeJS practice "laptop-store" -

get it's files, create the directory

laptop-store and inside "data" and "templates"

and put there the appropriate files.

Perform the steps from the Cookbook01-farm.txt

2. Get test-example02 from test dir and prepare yourself

to the test.

3. CHALLENGE. Floyd triangle.

Input: how many rows should contain the triangle.

The triangle should consist of sequential numbers.

For example, if the input is 5, the triangle:

1

2 3

4 5 6

7 8 9 10

11 12 13 14 15

Make it look pretty - with the right space amount

between the numbers.

4. CHALLENGE. FORTUNE WHEEL - SECOND MISSION (of 2)

(It has some problems - the letters eventually get too small)

f. Make the text change it's direction while the wheel is spinning

and stop in the right direction

g. Take "responses" array, shuffle it with the "shuffle" function.

Example of shuffle() function ()

function shuffle (array) {

let currentIndex = array.length;

let temporaryValue, randomIndex;

// While there remain elements to shuffle...

while (0 !== currentIndex) {

// Pick a remaining element...

randomIndex = Math.floor(Math.random() \* currentIndex);

currentIndex -= 1;

// And swap it with the current element.

temporaryValue = array[currentIndex];

array[currentIndex] = array[randomIndex];

array[randomIndex] = temporaryValue;

}

return array;

}

h. On start and when "Renew the Wheel" is clicked -

create the number of sectors as the number

of statements in "responses" array