CHALLENGEs are OPTIONAL

00. Create directory panda/your\_name/hw/hw-2024-06-05

00. Create directory panda/your\_name/projects/<your-nodejs-mysql>

00. Create directory panda/your\_name/projects/07-hangman 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","random quote",

"palindrome" and "gematria" parts - 30.05.2024

06-nim - 23.05.2024 - small groups

07-hangman - 5.06.2024 - small groups

with both "mouse click" and "keyboard" events,

with minimum of the listeners - using

event propagation

08-NodeJS-SQL-Your-Theme - choose your theme and

create database with data

Optional Projects:

- Canvas "Breakout Game"

- "Endless Dangers" - see the description below

- "Dreidel"

- "Memory Game" - see the beginning files and

the example of how to flip card inside

the "projects/optional/memory-game" dir

- "Math Practice" - Optional project of math-practice

with drops containing math exercises and

going down.

When the player types right answer,

the drop should stop or disappear or

make some other response.

1. In parallel with our project "about food"

continue your own project

08-NodeJS-SQL-Your-Theme -

choose your theme and

create database with data, create the server,

show the homepage.

Use Cookbook002

2. Regular Expressions

I.let str9 = 'BRoken CrAyOns stiLL colOr!'

a) replace all the o,l,c and space by 1, no matter

the case

b) Replace all the letters from a to f by '0'

c) Replace all the letters from a to f and from O to S by '0'

d) Replace all the letters from a to f and from O to S,

',', '!' and spaces by '0'

e) Replace 'broken' that is located in the beginning of the

string by '😈'

f) Replace 'color' that is located in the end of the string

by '✏️' (nothing should happen, as 'color' is not in the end)

II. let str10 = 'I like regular expressions - like this: /lala/'

Fix the next regular expression to make it

to replace '-' and '/' by '\*'.

console.log(str8.replace(/[- :/]/g,'\*'))

III. let str11 = `Doesn't expecting the unexpected make the unexpected expected? Unbelievable! I am relieved`

a) Replace 'expect', 'wait', 'believ' by 'visit'.

b) Replace 'unexpected', 'unbelievable', 'unrelieved' by

'beautiful'