CHALLENGEs are OPTIONAL

00. Create directory panda/your\_name/hw/hw-2024-07-21

00. Create directory panda/your\_name/projects/10-hanoy-towers

00. Create directory panda/your\_name/projects/11-shopping-carts

00. Create directory panda/your\_name/projects/12-game-portal

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", "gematria", "anagrams" parts

and the last part - "words-in-word" - finish the project - 26.06.2024

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 - continue with your theme

in accordance to the cookbook02.

See exercises 1. and 2. below.

19.06.2024

09-calculator - 16.06.2024 - build it with css GRID,

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

with minimum of the listeners - using

event propagation.

It should perform the actions: +,-,\*,/,%,power,

root, factorial, translating number from binary

to decimal, from decimal to binary, from hexadecimal

to decimal, from decimal to hexadecimal.

Optionally: translating numbers from decimal to

roman and from roman to decimal.

Optionally - more functions.

This project will be evaluated for the themes of:

"algorithms and advanced DOM".

10-hanoy-towers - finish tbd + improve +

see recursion-algorithm.txt and calculate the max number of steps for the player

+ challenge - create recursive movement of the disks - 17.07.2024

11-shopping-carts - the requirements are in

projects/11-shopping-carts/about-shopping-carts.txt - 17.07.2024

12-react-game-portal - the requirements are in

projects/12-react-game-portal/about.txt - 30.07.2024

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.

- "One page site with smooth scrolling" - like YummyIsrael

1. Use Burger.jsx and BurgerStyle.css (inside react/bulls-and-cows/src/learn)

to practice useRef and useEffect - MISSIONS 04 and 05.

https://github.com/fullstack-Ashquelon-Carmiel-2024/Web-2024-07-21-React-useRef-async-await.git

Reminder. To submit it use the directions from react/react-app-deployment.txt