Clarusway   »

JS-CC-024 : Random Password Generator

Purpose of the this coding challenge is to write a code that can generate random password for 10 characters as default and expected constraints below.

Expected Outcome

- password length must be equal to 10

- there should be 3 numbers

- and there should 2 symbols from below:

```
!@#$%^&*()\_+~|}{[]:;?><,./-=
```

> excluding single and double quotes

- there should be minimum 1 lower and 1 upper case letters,

valid samples:

```
Aa123&!xyz
Aa@/456stu
123aA(p?rs
```

invalid samples:

```
AB123&!XYZ    // no lower case letters
ab123&!xyz    // no upper case letters
Aa@c456stu    // only one symbol
12aA(p?rsz    // only two numbers
```

Learning Outcomes

At the end of the this coding challenge, students will be able to;

- analyze a problem, identify and apply programming knowledge for appropriate solution.

- demonstrate their knowledge of algorithmic design principles by using JavaScript effectively.

Problem Statement

- Take one input from user. List the results in the relevant fields using two different buttons.

- Examples:

  - if top low limit is 0 and limit value is 1000. List all palindromic and perfect numbers between 0 and 1000.

  - if top low limit is 50 and limit value is 100. List all palindromic and perfect numbers between 50 and 100.

⌛ Happy Coding ✍