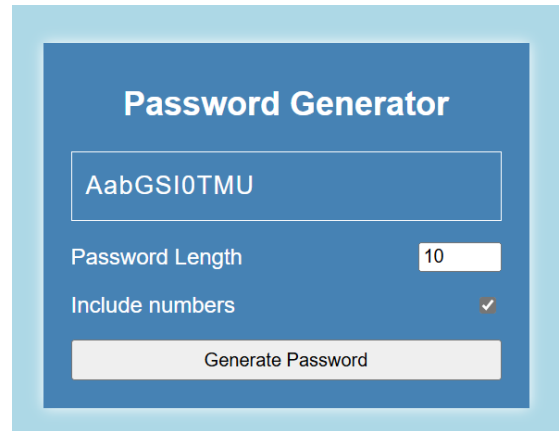
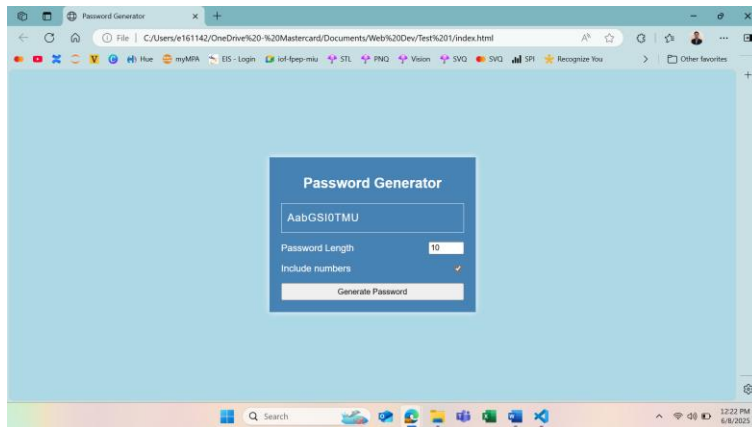


Web Development: Mid Term Test

Submission Link: <https://forms.gle/Gr1rMropcq6zutaV6>

Time: 1 hr 15 mins

Create a **random password generator** web interface that replicates the functionality and layout shown in the reference image:



Your design should include the following components:

1. **Title:** Display a prominent heading at the top labeled **"Password Generator"**.
2. **Password Display:** Include an input box where the generated password will be shown.
3. **Password Length Input:** Provide a labeled input field for users to specify the desired password length. This field should default to **10 characters**.
4. **Include Numbers Option:** Add a checkbox labeled **"Include numbers"**, which should be **checked by default**, allowing users to toggle the inclusion of numeric characters in the password. If unchecked, the password will **only include upper- and lower-case alphabets**.
5. **Generate Button:** Include a **"Generate Password"** button that, when clicked, generates a new password based on the specified length and number inclusion setting.

Put all the files in a Github repository and also deploy it.

Additional notes -

Page background colour: *lightblue* Box colour: *steelblue*

The following function will give you a single character string corresponding to the ASCII value –

String.fromCharCode(<ASCII Value>) i.e. if `var = String.fromCharCode(97)` then `var` gets value 'a'

Lower case letters ASCII Value – 97 (a) to 122 (z)

Upper case letters ASCII Value – 65 (A) to 90 (Z)

Numbers ASCII Value – 48 (0) to 57 (9)