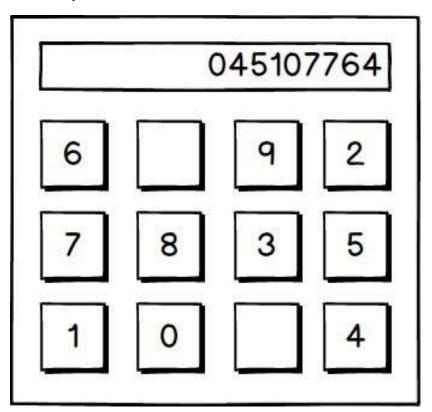
BeMyEye Exercise

Angular numerical password Input

Objective

Using **AngularJS** or **Angular X** you have to create a **new** Numerical password Input **component** following the given **technical specification**.

Mockup



Feature

This component needs to:

- Collect the user numerical password
- Display the user input

- Prevent the Bots from using the system by randomizing the numerical buttons order
- Compare the user inputs with the password value and tell the rest of the app if the values match

Specification

You will create 1 component and 2 sub-components:

- NumericalPasswordInput
 - PasswordViewer
 - RandomizedNumericInput

NumericalPasswordInput

Inputs

userPassword: String

Outputs

passwordMatch: Void

Role

This component will:

- Be the bridge between the **PasswordViewer** and the **RandomizedNumericInput**
- When the user has entered 9 digits, compare the user input with the userPassword.
 If the values match, trigger the passwordMatch event else reset the current password

PasswordViewer

Inputs

currentPassword: String

Role

This component will display the currentPassword value

RandomizedNumericInput

Inputs

currentPassword: String

Outputs

currentPasswordChange: EventEmitter<String>

Role

This component will:

- Display a grid of 12 buttons, 1 for each numerical value and 2 blanks.
- Randomize the order of the buttons
- Trigger **currentPasswordChange** passing **currentPassword** every time the user enters a new value