

# Group Challenge



## Group Challenge

- In this group challenge, we will divide into small groups of approximate 2 to 3 students in each group.
- Each group will work together to solve the challenge question.
- You will spend about 30 minutes for the challenge and then each group will present their answer by screen sharing.
- The goal of this challenge is to enhance your skills in coding, research, problem solving, team collaboration and presentation.
- Go ahead and download the group challenge zip file from GAP.
- After unzipped, launch VS Code and navigate to this folder.



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## Your Challenge:

1. You will write LESS codes based on an existing SASS file.
2. The first thing to do is install LESS locally: **npm install less**.
3. You will notice there's a scss file included in this folder.  
Change the extension to .less from .scss
4. You are not required to add any new styles. Use all existing styles.
5. The final output will not change for this challenge. If you recall, this is what it looks like on the browser:

Premium
50GB Storage
50 Emails
50 Domains
Endless Support
<b>\$ 50</b> per month
<a href="#">Sign Up</a>



# Group Challenge

## Your Task:

1. Step 1:
  - Convert all existing variables and extend to less.
  - Compile less: `lessc styles.less styles.css`
  - Preview page on browser to ensure everything remains the same
2. Step 2: Using existing style codes....
  - Create 2 variable interpolation examples. Compile again and preview on browser.
  - Use `@import` to include at least two new variables. Compile again and preview on browser.
  - Use a mixin selector. Compile again and preview on browser.



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- Each group to share their solutions using share screen.
- Show your codes on VS Code.
- Presenter:

Explain your approach including code concepts used.

Questions?