

## Progress 7

### Goal:

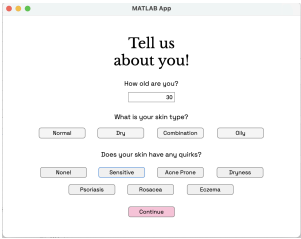
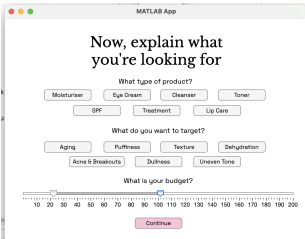
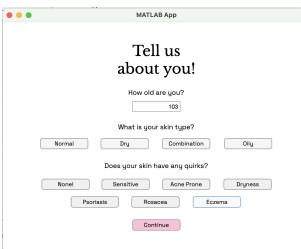
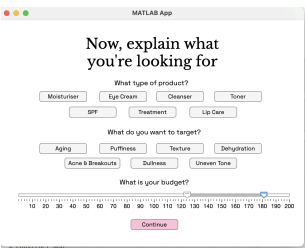
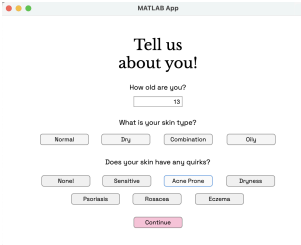
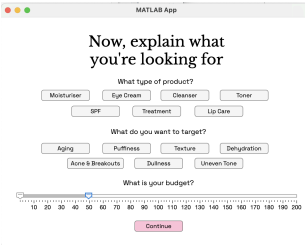
- ☒ ~~Add functionality to two user question screens by making buttons = inputs~~
- ☒ ~~Link the screens so a user is taken from one to another~~
- ☒ ~~Pass the inputs from one app to another~~
- ☒ ~~Print product recommendations in console~~

### Work Done:

- First I had to learn how to link user activity to functions using callback.
- I translated product benefits (such as 'firming') to user desires (such as 'anti aging') to improve usability
- I added a button for 'None' for those that don't have any skinquirks to make it easier to still pass something rather than have a variable empty and change the number of variables being passed to app2
- As I started using the interfaces I realised that a slider for age was confusing and unnecessary, typing it in was easier
- I had to watch some videos and read documentations on
  - Private vs public methods and properties as I needed information to be passed between apps
  - What properties and methods actually were. I learnt I need to create properties and then build them into methods linked to the app so I could require them to run an app and also pass them between apps.
- Linking two apps was the hardest part. I landed on first calling the app and giving it a name of app2 within the first screen. I then called the first function within app2 ('startupFcn') to give app2 all the values it needed to remember from app1.

## Test Cases:

User app activity is correctly being collected and passed to next app

App Inputs		Output
App 1	App 2	Snippet as all columns were given
		<b>Command Window</b> Age: 30 Skin Quirk: Sensitive Skin Type: Combination Budget: 28 103 Product Type: Eye Cream Product Target: Puffiness
		<b>Command Window</b> Age: 103 Skin Quirk: Eczema Skin Type: Oily Budget: 127.8 178.4 Product Type: Eye Cream Product Target: Firming
		<b>Command Window</b> Age: 13 Skin Quirk: AcneProne Skin Type: Normal Budget: 0 50.8 Product Type: Moisturiser Product Target: Anti-blemish

## Reflection:

- There is a huge lag between the first app finishing and the second app opening. I have been closing the apps after they have been used but this means there is significant time where the user isn't seeing anything.
- The buttons don't change colour when a user presses them which can be confusing to know you have selected something
- Currently, the values are being shared between apps and are correct as I have been checking them with print statements.
- Next steps will be passing these values to the files/functions I made earlier to apply filtering on the results.
- I will do this with print statements first before building a results screen that displays the products somehow.