

Introduction to Programming II

Project Log

Project title:	Food Purchases from 1974 to 2022
Topic:	Callbacks
What progress have you made this topic?	
The selected year is highlighted, allowing users to more clearly know which year's data they are looking at.	
What problems have you faced and were you able to solve them?	
I want to adjust the way each bubble name is displayed. I looked up some information, but haven't solved this problem yet. Most information tells me that I can modify it directly in the variable, but this is not too inconvenient.	
What are you planning to do over the next few weeks?	
I thought maybe I could turn the years into a kind of slider that the user can drag, which would make the changes in the data between years smoother and more interesting.	
Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?	

Yes

Introduction to Programming II

Project Log

Project title:	Food Purchases from 1974 to 2022
Topic:	Extending the Apps, part 3
What progress have you made this topic?	
Changed the arrangement of displayed years to make it more readable.	
What problems have you faced and were you able to solve them?	
I want to adjust the way each bubble name is displayed. I looked up some information, but haven't solved this problem yet. Most information tells me that I can modify it directly in the variable, but this is not too inconvenient.	
What are you planning to do over the next few weeks?	
<p>I would like to show up the selected year and set a default year, so the visualization will be easier to use.</p> <p>I thought maybe I could turn the years into a kind of slider that the user can drag, which would make the changes in the data between years smoother and more interesting.</p>	
Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?	

Yes

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Project Log

Project title:	Food Purchases from 1974 to 2022
Topic:	Testing for stability
What progress have you made this topic?	
<p>I used the app from the user's perspective and found that because the background was gray and our text was black, it would be difficult to see the text if the bubbles were also dark. So I adjusted the bubble's color setting function to make it more transparent.</p>	
What problems have you faced and were you able to solve them?	
<p>I hesitated at first whether to adjust the RGB parameters or transparency. This was a problem. Finally, after repeated attempts, I decided to use transparency to better improve the visualization.</p>	
What are you planning to do over the next few weeks?	
<p>Do some utility and user tests to make sure the app works, then submit the assignment.</p>	
Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?	

Yes

Introduction to Programming II

Project Log

Project title:	Food Purchases from 1974 to 2022
Topic:	Testing with Users
What progress have you made this topic?	
<p>The selected year is highlighted, allowing users to more clearly know which year's data they are looking at.</p>	
What problems have you faced and were you able to solve them?	
<p>I want to adjust the way each bubble name is displayed. I looked up some information, but haven't solved this problem yet. Most information tells me that I can modify it directly in the variable, but this is not too inconvenient.</p>	
What are you planning to do over the next few weeks?	
<p>I thought maybe I could turn the years into a kind of slider that the user can drag, which would make the changes in the data between years smoother and more interesting.</p>	
Are you on target to successfully complete your project? If you aren't on target, how will you address the issue?	

Yes