

ET-PoC-Study

Post-Questionnaire

- How easy/hard did you experience the program comprehension tasks?

Very Easy	Easy	Neutral	Hard	Very Hard
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Optional Comment:

Some snippets with many variables were difficult due to hard to remember variable names

- How do you feel after the study?

Very Exhausted	Exhausted	Neutral	Energetic	Very Energetic
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Optional Comment:

- You are presented with the displayed code snippets. Which of the excerpts did you find particularly easy/difficult? Why?

Please annotate them on the pages themselves.

- How do your problem-solving strategies change with the code snippets?

code snippets with more variables required active effort to remember what each variable stores, especially if what snippet does was not known.

5. Did you detect any changes in yourself in comprehending the code snippets? If so, what did this change look like?

Some long code snippets caused slight frustration when they were presented due to the expectation of many variables

6. Did **Type Annotations** (`number: int` instead of `number`) help you comprehend the code snippets?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

How did they help? Please elaborate.

On most snippets i did not pay much attention to type annotations, but in some less clear cases they felt helpful to see what type of data we are working with

7. Beyond this study, do Type Annotations help you comprehend code in general?

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Why? Please elaborate.

In complex cases and especially with custom types it can help a lot to have some additional information on what data one is working with.

8. Were earlier or later code snippets easier for you to comprehend?

earlier snippets felt somewhat easier to comprehend as they had generally shorter identifiers and less length in the snippets

9. Do you have any suggestions or ideas for improvement for us?

If there is not a good reason to use alphabet parts as identifiers i would strongly consider changing those.