

# ET-PoC-Study

## *Post-Questionnaire*

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

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

Optional Comment:

- some syntax was confusing
- especially the -1
- bad variable names (but that was intentional)

2. How do you feel after the study?

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

Optional Comment:

/

3. 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.

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

- originally started by looking at the code first
- three or four snippets in, started to look at the function parameter to find the types and get more information
- sometimes when not able to understand looked at question to get a clue

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

- less and less focused due to the bad variable names

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.

- without them, they wouldn't have know what the variables did
- translated the variables into sth that made sense

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

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

Why? Please elaborate.

- only if they are accompanied by a comment, especially in Python

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

- later code snippets were easier

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

- break in the middle would be nice