Lehrstuhl für Software Engineering
Saarland Informatics Campus
Universität des Saarlandes

UNIVERSITÄT
DES
SAARLANDES

ET-PoC-Study

Post-Questionnaire

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

Very Easy	Easy	Neutral	Hard	Very Hard
☐	☑	☐	☐	☐

Optional Comment:

- half were known algorithms
- rest bar one or two were okay
- two were pretty hard, not sure even when answering

2. How do you feel after the study?

Very Exhausted	Exhausted	Neutral	Energetic	Very Energetic
☐	☐	☑	☐	☐

Optional Comment:

- was already beforehand the study was not too exhausting

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?

- first look at the code and check if you know
- after that think of scenario (especially list ones → if there was an input what would be the output)
- apart from the last two which were hard
- thinking of a case helped a lot in most questions

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

> - first tried to look at the code and try to understand it
> - then input and try to see what happens

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

Yes	No
☑	☐

How did they help? Please elaborate.

> - definitely helped because they otherwise had to infer
> - however most tasks give you the ability to infer the types

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

Yes	No
☑	☐

Why? Please elaborate.

> - even when reading first line → you know what the function does and even though there might be good names you can be unsure of what the variable actually does

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

> - except for the last two more and more comfortable
> - middle was really comfortable

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

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