Lehrstuhl für Software Engineering
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Universität des Saarlandes

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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:

- it is hard to remember
- hard to read because of the variable names

2. How do you feel after the study?

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

Optional Comment:

- little bit tiring to stare at the dot to calibrate

3. You are presented with the displayed code snippets. Which of the excerpts did you find particularly easy/difficult? Why? Rate them from one to five (1 being easiest)

   Please annotate them on the pages themselves.

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

- at first every line read →readability was down and then mainly looked at return statement
- didnt realize that list[] could sometimes be int or str and then paid more attention to that

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

> - slightly → was not used to the naming style → then ignored it and looked at the useful stuff

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

Yes	No
☑	☐

How did they help? Please elaborate.

> - it helped a lot, however, sometimes they were not annotated in function head but thinks that all of the body was annotated

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

Yes	No
☑	☐

Why? Please elaborate.

> - it reminds, what is needed in function
> - did not really think about it normally

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

- no difference
- some were hard, some were easy, mentioned longer were more complex

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

- put the code beside the questio