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:

> - understanding the functions wasn't that hard
> - but they needed to be memorized
> - the memorization was hard
> - understanding was clear

2. How do you feel after the study?

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

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?

> - normally they focus on what functions do → but here they needed to memorize
> - normally more the function themselves but here it was more in the direction of function body and checking what happened inside of it

Lehrstuhl für Software Engineering
Saarland Informatics Campus
Universität des Saarlandes

UNIVERSITÄT
DES
SAARLANDES

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

> No the did not.

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

Yes	No
☐	☑

How did they help? Please elaborate.

> - because we use Python → they knew that some parts it was very clear which kind of type it was
> - for numbers that were inside a string it helped but other than that it did not

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

Yes	No
☑	☐

Why? Please elaborate.

> - in Python not that much, but in other languages yes and there it is also needed
> - depends highly on the language

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

> - were mixed
> - the first were quite easy, but there were some harder ones inbetween
> - there is no general answer to this

Lehrstuhl für Software Engineering
Saarland Informatics Campus
Universität des Saarlandes

UNIVERSITÄT
DES
SAARLANDES

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

- good environment