

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:

/

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?

- manche snippets wurden erkannt weil schon programmiert
- unrolledSort wurde nicht zu hundert prozent verstanden, hat aber pattern matching auf Sortieren gesehen und sich gedacht

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

- type Annotations haben geholfen → Python ist es manchmal etwas unklar, aber sonst nicht wirklich etwas verändert

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.

- meistens für input durchgerechnet → hilft wenn man weiß was der Input ist

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.

- macht es einfacher die Variable zu verstehen

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

- die späteren waren etwas einfacher → glaubt er hat da ein paar mehr erkannt
- aber keinen riesen Unterschied

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

- Syntax highlighting wäre sinnvoll