PROJECT: PROGRAMMING LANGUAGE TRANSFER

The overall purpose of the research is to understand how students transfer their conceptual knowledge from Python programming language to Java programming language. An understanding of the learning process students go through during transitioning can help inform our pedagogy on how to ease the transition process and achieve an effective learning process for the students.

The research is summarised by the following research questions:

1. Do students' prior programming language (Python) knowledge influence their learning of the new programming language (Java)? In particular, does semantic transfer from Python affect learning positively or negatively in Java?

2. Does explicit instruction or intervention on programming language transfer improve students transfer from Python to Java programming languages?

Thank you for your participation in this study. Any quiz responses that were collected were sent to a link at mentimeter.com, where data was stored in a password protected electronic format. Mentimeter does not collect identifying information such as your name, email address, or IP address. Therefore, your responses will remain anonymous. No one will be able to identify you or your answers, and no one will know whether or not you participated in the study.

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