

We are a group of researchers at the Technical University of Delft in the Netherlands. In this research project, we aim to investigate how people understand and respond to programming errors, with the goal of developing better ways of explaining such errors based on the user's programming proficiency. As such, you are invited to participate in our research study.

The following task is part of the research project described above. Upon accepting this consent form, you will first be asked to self-assess your experience with Python and general programming. You will then be presented with a series of multiple-choice questions focused on different aspects of Python programming errors. These questions are designed to help us objectively assess your Python proficiency. At the end, you will also be asked to estimate how many questions you believe you answered correctly. The entire task should take approximately 10 to 15 minutes to complete.

Completion of these tasks does not require any specific equipment. Your participation in this task is entirely voluntary, and you can withdraw at any time.

To ensure the integrity of our research, we kindly ask that you complete the task without the assistance of large language models (LLMs), AI tools, or external help. Your honest and independent responses are essential to the validity of our findings.

We will collect information related to your programming experience and how you interact with the survey. This includes:

- Programming experience: years of experience with Python and in general
- Interaction data: time spent on each question
- Responses from the questionnaire

We do not collect any data aside from the information described above, and we will keep your information confidential to the best of our ability. All data is stored in a password-protected electronic format. Be aware that the data we gather with this task might be published in anonymized form later. Such an anonymized data set would include the answers you provide in this task, but no personal information (e.g., your user name or ID), so that the answers will not be traceable back to you.

You can further contact the researchers for any clarification. To do this, send an email to A.R.Moraru-1@student.tudelft.nl for any questions.

By clicking "I consent" at the bottom of this page, you confirm that you have read, understood, and consent to the above information.

Note: You can exit the task at any time. This will imply revoking your consent, and subsequently, all your data will be discarded from our databases.