

Pre-Survey

In this survey we'll ask you questions about yourself. Please use your UW email address to complete this survey.

This information is for research purposes only. No personally identifiable information will ever be shared outside of the research team.

The person conducting the study will NOT have seen this information prior to study.

*** Required**

1. Email address *

Skip to question 1.

Read each sentence below and mark the choice that shows how much you agree with it. There are no right or wrong answers.

2. You can learn new things, but you can't really change your basic intelligence. *

Mark only one oval.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Somewhat disagree
- ☐ Somewhat agree
- ☐ Agree
- ☐ Strongly agree

3. Your intelligence is something about you that you can't change very much. *

Mark only one oval.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Somewhat disagree
- ☐ Somewhat agree
- ☐ Agree
- ☐ Strongly agree

4. You have a certain amount of intelligence and you really can't do much to change it. *

Mark only one oval.

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Somewhat disagree
- ☐ Somewhat agree
- ☐ Agree
- ☐ Strongly agree

Rate your confidence in doing the following Python programming related tasks using a scale of 1 (not at all confident) to 7 (absolutely confident). If a specific term or task is totally unfamiliar to you, please mark 1.

5. Write syntactically correct Python statements. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

6. Understand the language structure of Python and the usage of the reserved words. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

7. Write logically correct blocks of code using Python. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

8. Write a Python program that displays a greetings message. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

9. Write a Python program that computes the average of three numbers. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

10. Use built-in functions that are available in the various Python libraries. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

11. Build my own Python libraries. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

12. Write a small Python program given a small problem that is familiar to me. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

13. Write a reasonably sized Python program that can solve a problem that is only vaguely familiar to me. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

14. Write a long and complex Python program to solve any given problem as long as the specifications are clearly defined. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

15. Organize and design my program in a modular manner. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

16. Understand the object-oriented paradigm. *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

17. **Identify the objects in the problem domain and declare, define, and use them.** *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

18. **Make use of a pre-written function, given a clearly labeled declaration of the function.** *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

19. **Make use of a class that is already defined, given a clearly labeled declaration of the class.** *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

20. **Debug (correct all the errors) a long and complex program that I had written, and make it work.** *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

21. **Comprehend a long, complex multi-file program.** *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

22. **Complete a programming project if someone showed me how to solve the problem first.** *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

23. **Complete a programming project if I had only the language reference manual for help.** *

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

24. **Complete a programming project if I could call someone for help if I got stuck. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

25. **Complete a programming project once someone else helped me get started. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

26. **Complete a programming project if I had a lot of time to complete the program. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

27. **Complete a programming project if I had just the built-in help facility for assistance. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

28. **Find ways of overcoming the problem if I got stuck at a point while working on a programming project. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

29. **Come up with a suitable strategy for a given programming project in a short time. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

30. **Manage my time efficiently if I had a pressing deadline on a programming project. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

31. **Mentally trace through the execution of a long, complex, multi-file program given to me. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

32. **Rewrite lengthy confusing portions of code to be more readable and clear. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

33. **Find a way to concentrate on my program, even when there were many distractions around me. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

34. **Find ways of motivating myself to program, even if the problem area was of no interest to me. ***

Mark only one oval.

	1	2	3	4	5	6	7	
not confident at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	absolutely confident

What you already know

It's important to understand what you already know and what you already done related to learning to code.

35. **Describe the most interesting course you took in the past 3 years. ***

This can be a college course, high school class, a bootcamp or workshop, or anything else. This course does not have to do with code or programming.

Mark only one oval.

[illegible]

Mark only one oval.

[illegible]

Mark only one oval.

[illegible]

42. I would like to learn to code because it will help me get a good job. *

Mark only one oval.

	1	2	3	4	5	6	7	
Strongly disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly agree

43. In your opinion, what skills are necessary for programming? *

44. In your opinion, what makes someone a good programmer? *

More about you

Almost done! This information will really help us with interpret our findings and we appreciate your participation!

45. What is your UW NetID? *

This is NOT your student ID card number. If your UW email is hhusky@uw.edu, your NetID is "hhusky."

46. How many hours of sleep did you get last night? *

47. What languages do you speak fluently? *

Please list them from most to least fluent.

48. What language do you speak most at home? *

49. What is your ethnic identity? *

Select all that apply.

Check all that apply.

- ☐ White
- ☐ Black, African American
- ☐ Hispanic, Latino, or Spanish origin
- ☐ American Indian
- ☐ Alaska Native
- ☐ Asian
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Other: _____

50. What are your parents' or guardians' current jobs? *

For example, "My dad is a retired civil engineer and my mom is a nurse."

51. How many years of school has your most educated parent or guardian completed? *

If you're not sure, make your best guess.

Mark only one oval.

- ☐ No school (0 years)
- ☐ Some elementary school (1-4 years)
- ☐ Finished elementary school (5 years)
- ☐ Some middle school (6-8 years)
- ☐ Finished middle school (8 years)
- ☐ Some high school (9-12 years)
- ☐ Finished high school (12 years)
- ☐ Some college (13-16 years)
- ☐ Finished college (16-17 years)
- ☐ Some graduate school (17-18 years)
- ☐ Finished a masters degree (18-19 years)
- ☐ Finished a doctorate (20-25 years)
- ☐ Prefer not to answer

About this study

This information will really help us understand your perspectives as a student. Thank you for providing this information and we look forward to working with you!

52. What are your expectations about what you will learn in this study? *

53. Why did you want to participate in this study? *

54. How did you hear about this study? *

If you heard about the study from a course or a professor, please note which one.

55. Any questions or additional comments?

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