

Pete Evaluation Survey

This is the follow-up survey to the worksheet. There are 2 parts to this- evaluating the programming language and the website.

* Required

1. How many years of programming experience do you have? *

- ☐ 0-1 Year
- ☐ 1-2 Years
- ☐ More than 3 Years

2. Were you familiar with Turing Machines before the workshop? *

- ☐ Familiar
- ☐ Somewhat familiar
- ☐ Not familiar

Final Questions

3. Iterative program that checks for divisibility by 4

4. Recursive program that checks for divisibility by 4

5. Strings of the form $a^n b^m c^{n+m}$

6. Strings of the form $a^n b^n c^n$

7. Check there are the same number of a's and b's

The Programming Language

8. Evaluate the Turing Machine Language (TML) under the following categories. Note that the focus here is on the **language**, and not the website. *

	Strongly Disagree	Disagree	Agree	Strongly Agree
TML is easy to understand	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TML is easy to write programs in	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I was able to fix errors in my code using the error messages provided	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I was able to easily reason executing a program on a tape	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

9. Do you have any general comments about the language?

10. Are there any features that should be added to the language in your opinion, e.g. moving to the end of the tape in one line of code?

11. Compare programs in Turing Machine language (TML) with Turing Machines (TM) *

	Strongly Disagree	Disagree	Agree	Strongly agree
I am more confident in writing a program in TML than drawing a TM	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I find it easier to reason what a TML program accepts than a TM	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. If you had to draw a TM, would you write a TML program for it first? *

- ☐ Yes
- ☐ No
- ☐ Maybe

Website Evaluation

13. Evaluate the website under the following categories: *

	Strongly disagree	Disagree	Agree	Strongly agree
The website is easy to follow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The presentation of the website is intuitive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There were no visible bugs in the website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The website was fast	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The website feels complete	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The code execution was easy to follow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The code editor was easy to use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

14. The website presents tape execution using pop-ups. Do you think this is a good idea or should it be replaced by just a short paragraph within the tape section, or anything else? *

- ☐ Pop-ups are fine!
- ☐ A short paragraph is a better idea
- ☐ Other

15. Are there any features you would like to be added to the website?

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