Survey on Code Identifier Readability

Dear Participant,

Thank you for taking the time to participate in this short survey. Your responses will help me in my academic research, specifically for my PhD thesis focused on *Program Comprehension*.

This survey aims to evaluate how readable different programming identifier names are. You will be asked to rate around 30–40 identifiers on a scale from **0** (unreadable) to **10** (highly readable) based on your perception of their clarity.

Your feedback is **completely anonymous** and will play an important role in understanding how developers perceive code readability.

Your time and insights are truly appreciated — they will make a real difference in my research. Thank you once again for your valuable support!

Warm regards,

* Indicates required question

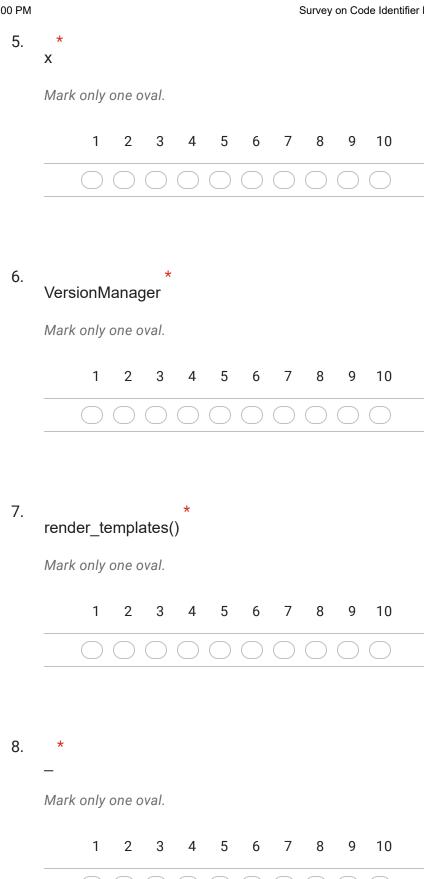
Bharat

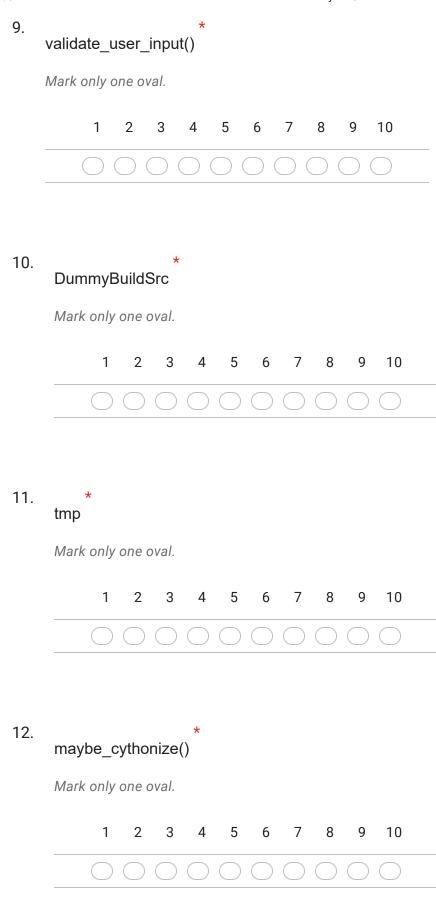
You will be asked to rate each identifier on a scale of 0-10 based on how readable you find it (0 = unreadable, 10 = perfectly clear)

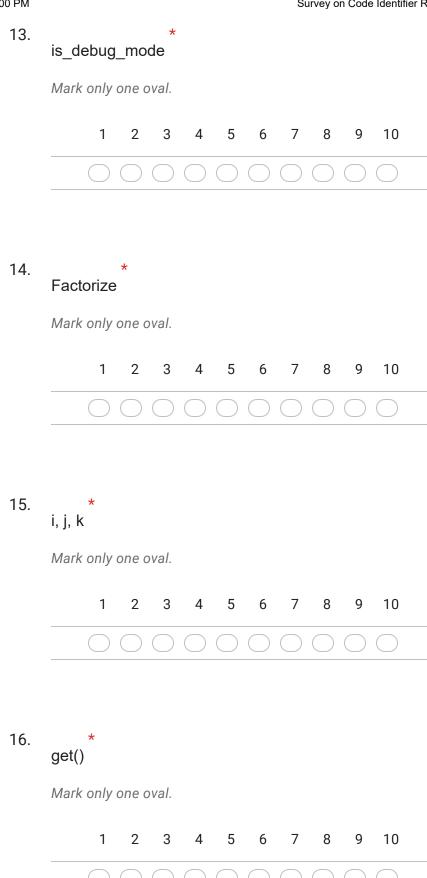
1.	How many years of programming experience do you have? *	Dropdown
	Mark only one oval.	
	Less than 1 year	
	1-2 years	
	3-5 years	
	6-10 years	

More than 10 years

2.	What is your primary programming language? *
	Tick all that apply.
	Java
	Python
	JavaScript
	C#
	Other
you	will be asked to rate each identifier on a scale of 0–10 based on how readable find it unreadable, 10 = perfectly clear)
3.	output_dir *
	Mark only one oval.
	1 2 3 4 5 6 7 8 9 10
	00000000
4.	*
	doStuff()
	Mark only one oval.
	1 2 3 4 5 6 7 8 9 10







17. Hashing

Mark only one oval.



18. write_version_info()

Mark only one oval.



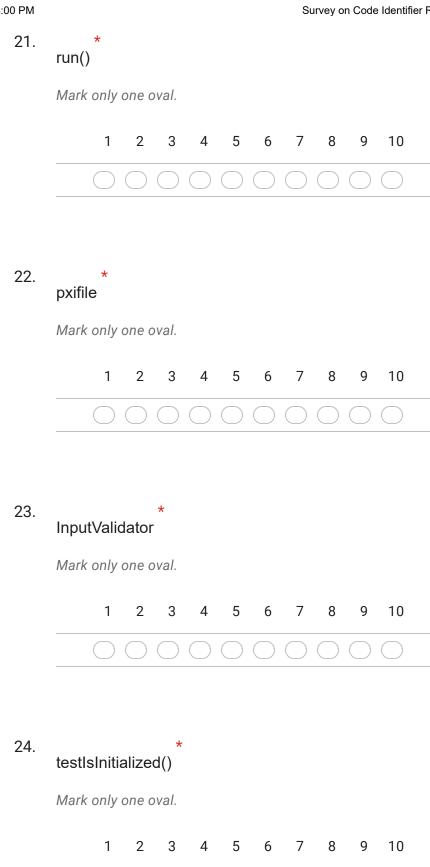
19. process_tempita()

Mark only one oval.



20. * ext_data





25.

d

Mark only one oval.



26. calculate_tax()

Mark only one oval.



27. LazylnitializerTestImpl

Mark only one oval.



28. clean_me()



29.

macros

Mark only one oval.



30.

parse()

Mark only one oval.



31. MemoizerComputableTest

Mark only one oval.



32. setup_cache()



33. linetrace()

Mark only one oval.



34. parsed

Mark only one oval.



35. f()

Mark only one oval.



36. user_data



37.

CleanCommand

Mark only one oval.



38.

initialize()

Mark only one oval.



39.

version_info

Mark only one oval.



40.

db_query()



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41.	ConfigParser
	Mark only one oval.
	1 2 3 4 5 6 7 8 9 10
40	
42.	handle()
	Mark only one oval.
	1 2 3 4 5 6 7 8 9 10
43.	Which of the following factors do you think contribute to identifier readability? (Select all that apply)
	Tick all that apply.
	Semantic Clarity (SC): The identifier clearly reflects its purpose (e.g., calculateTax vs. doStuff).
	Stylistic Adherence (ST): Follows naming conventions (e.g., camelCase, snake_case) for the language/team.
	Length Appropriateness (LN): Neither too short (x) nor excessively long (databaseConnectionManagerFactory).

Natural-Language Readability (NL): Uses intuitive, language-like terms (e.g., isActive

vs. flg).

Other:

14.	Beyond the options above, what other factors influence how readable you find an identifier? (e.g., consistency, domain-specific terms, etc.)

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