Experimental test scenario	Models					
	ChatGPT 4o	Gemini 2.0 Flash	DeepSeek-V3	Claude 3.5 Sonnet	GitHub Copilot (GPT-4o)	LLaMA 3
Newline printing	0.8	0.8	0.2	0.6	0.5	0.7
Strings merging	0.5	0.1	0.3	0.3	0.3	0.7
Merging strings with other data types	0.5	0.1	0.3	0.3	0.4	0.6
String to char array conversion	0.5	0.3	0.5	0.5	0.4	0.4
Char array to string conversion	0.6	0.4	0.5	0.6	0.5	0.6
Finding text in a string	0.6	0.2	0.7	0.6	0.5	0.4
Evaluating fixed values	0.5	0.3	0.3	0.3	0.4	0.5
String manipulation using buffers	0.4	0.1	0.4	0.4	0.4	0.5
Using F() macro with strings	0.2	0.2	0.2	0.2	0.2	0.3
Storing text values in arrays	0.5	0.1	0.5	0.6	0.5	0.6
String constant variables	0.5	0.2	0.5	0.5	0.4	0.6
Using break statement in sequential search	0.5	0.2	0.4	0.4	0.3	0.3
Static vs. non-static variables	0.5	0.3	0.4	0.4	0.3	0.4
Global vs. local variables	0.5	0.3	0.4	0.4	0.3	0.4
2D array initialization	0.4	0.3	0.3	0.3	0.3	0.3
Column-major order vs. row-major order	0.3	0.3	0.4	0.3	0.2	0.3
Array access: pointers vs. indexes	0.3	0.3	0.4	0.3	0.3	0.3
Data structures: arrays vs. structures	0.3	0.3	0.4	0.3	0.3	0.4
Accessing structure elements	0.4	0.2	0.4	0.2	0.3	0.4
I/O pins manipulation	0.3	0.3	0.4	0.2	0.2	0.3
I/O pins directions	0.4	0.3	0.4	0.3	0.4	0.4
Macros vs. functions	0.5	0.2	0.5	0.3	0.3	0.4
Function calls: direct vs. indirect	0.6	0.3	0.6	0.5	0.5	0.7
Built-in functions vs. libraries	0.4	0.4	0.4	0.4	0.3	0.3
Loop breaks	0.5	0.3	0.5	0.3	0.3	0.5
Loop rolling vs. loop unrolling	0.4	0.3	0.4	0.4	0.4	0.5
Data types selection	0.3	0.4	0.4	0.3	0.4	0.4
Compound assignment operators	0.6	0.1	0.3	0.3	0.5	0.3
Fading LED	0.5	0.3	0.4	0.4	0.4	0.5
Conditional statements: nested -if vs. switch	0.3	0.3	0.3	0.2	0.3	0.4
Program pausing	0.6	0.7	0.6	0.6	0.5	0.6