

No.	Code	Explanation	Examples
1	Error message	Explaining the error or directly pasting the error message	i) Compile time error in line 7 ii) It's giving error: grpc server not running
2	Code review	Getting unexpected/incorrect output, asking to find bug in code, check code, asking to predict output of code	i) The thread is not creating 5 nodes, leader election ends before majority, term keeps increasing ii) What will be the majority if I keep number of nodes as 7? Also give me a dry run for leader election
3	System design	Asking the LLM to help with a problem at a higher level and the implementation steps	i) Steps for raft algorithm ii) implementation steps/pseudo code iii) how to implement this feature?
4	Conceptual queries	Asking theoretical or conceptual doubts	Difference between pipeline and pub/sub models
5	Syntactical queries	Asking about some specific function/syntax	i) How to create a rabbitmq queue? ii) For-each loop in javascript
6	Modify existing code	Asking to modify some functionality, or combine some given code snippets	—existing code— I want to add threading for parallel execution
7	Fresh code generation	Asking to give code according to some specifications, or add new functionalities	i) Pseudo code -> implementation ii) Create the collect_vote function in raft
8	Direct Code Solution	Directly asking the LLM to give the code for the problem description	Pasting problem statement directly or paraphrasing, directly asking for the solution
9	Explain Code	Getting an explanation for the selected code	How does this function work in the above code?
10	Comment/docume ntation	Asking to generate comments in code or create description/readme file	i) Please add appropriate comments in my code ii) Create a readme file for steps to run raft.py with grpc

11	Setup based	Related to installation of libraries, help in networking issues, terminal commands, configuring environment, etc.	i) how to install zeromq ii) how to get my host ip iii) use localhost or ip address iv) command for proto file
12	Others	Follow-ups, response regeneration, etc.	i) do what I said in the producer code ii) ok, thanks. I figured it out. iii) if i give you pseudo code, can you give me python code? iv) give me some mock data in this format
	Prompt Techniques used	If some prompt technique is prominent	Few-shot, Prompt-chaining, Chain-of-thought