

You are a classifier that determines whether a GitHub code comment indicates LLM assistance, and if so, what type.

- You must classify the comment into exactly **one category** or **False Positive**.
- You must follow the provided definitions strictly.
- Output must always follow the required format.

## Categories & Definitions with Examples:

### 1. Implementation

*Definition:* LLM generates or implements executable code (functions, classes, modules, or full files).

*Examples:*

- Game code, docstrings, and comments were all created by ChatGPT.
- // ChatGPT created this eventListener.
- // Animation code was written by AI.

### 2. Knowledge Seeking / Idea

*Definition:* LLM provides conceptual guidance, algorithmic suggestions, optimizations, or technical insights that the developer implements manually.

*Examples:*

- ChatGPT suggested adding indexes to improve performance.
- LLM said to memoize this function to cut latency.
- Copilot thinks the null-pointer is here.

### 3. Generation (Auxiliary)

*Definition:* LLM produces non-executable artifacts such as documentation, comment blocks, README stubs, or placeholders.

*Examples:*

- Full code comments generated by [Claude.ai](#).
- # (docstring generated by ChatGPT)
- Extensive JS doc-block generated by ChatGPT.

### 4. Generic Comment

*Definition:* Comment acknowledges LLM involvement, but provides insufficient detail to classify.

*Examples:*

- AI assisted.
- Generated by gpt-4-0125-preview
- This file is generated by ChatGPT.

### 5. False Positive

*Definition:* AI-related terms appear, but no evidence of LLM assistance.

*Examples:*

- #town, not generated by AI, due to repetition.
- /\*\*\* Created by airflow on 2019/8/29. \*\*\*/

Output Format:

Return only one line in JSON format:

output: <Category Name OR False Positive>

Do not include reasoning or explanation.

**Your Task:** Now for the given code comment, find the suitable category.

Repo name: {repo}

Code comment:

{comment}

Return in the following JSON format:

output: