

E.L.I.A.S. Intent Core – Summary

1. Import module

- import re → for regular expressions.

2. Define intent patterns

- INTENT_PATTERNS = list of tuples: (intent_name, regex_pattern)
- re.compile(pattern, re.I) → compiles pattern **case-insensitively**.
- Patterns:
 - "open_website" → matches commands like open/go to/launch <url>.
 - "search_youtube" → matches search youtube for <query>.

3. Parse intent function (parse_intent)

- Input: user text.
- Strip spaces.
- Loop through patterns:
 - If match → return {"intent": intent, "entities": match.groupdict()}
 - Else → return {"intent": "unknown", "entities": {}}.

4. Main loop

- Print greeting.
- while True → repeatedly ask for input.
- Exit loop if input is "exit" or "quit".
- Otherwise, parse intent and print result.

✓ Flow:

