Lie Detector Project

NAME- Arman Ashutosh

SAP ID- 590026401

Subject: Programming in C
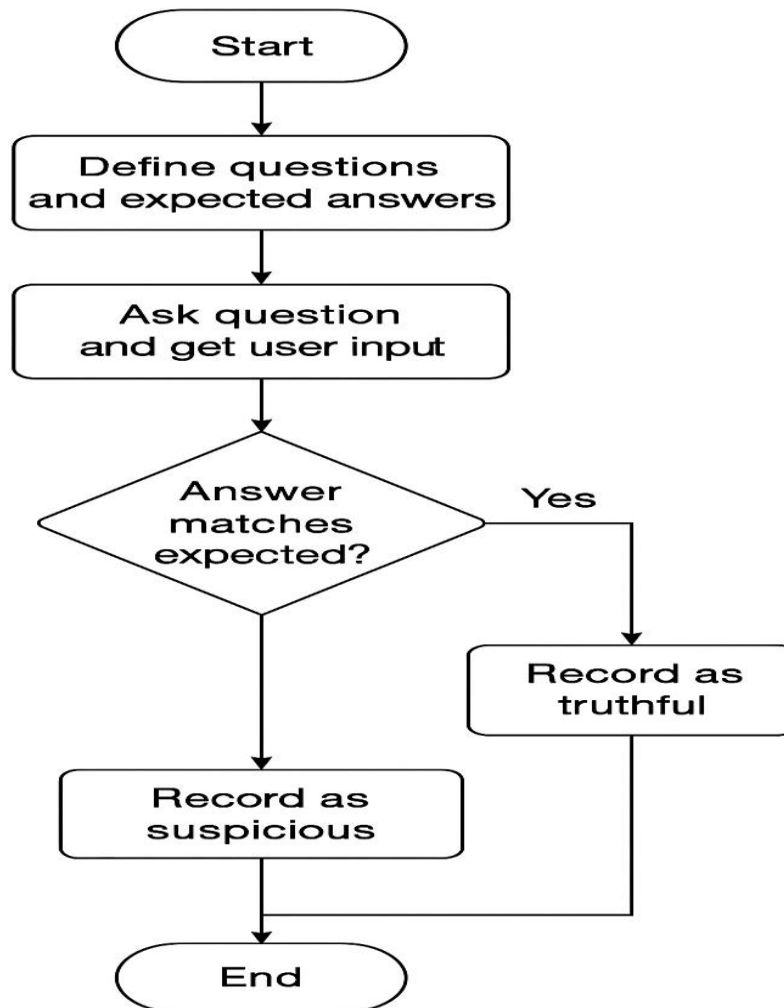
Introduction

- Simple lie detector simulation using C.

- Checks correctness and response time.

- Marks answers as truthful or suspicious.

Objectives

- Develop a lie detection simulation.

- Compare answers with expected truth.

- Measure response time for each question.

Flowchart

```

=== Simple C Lie Detector (simulation) ===
You will be asked 5 questions.

Did you take the money? (yes/no): no
Are you over 18? (yes/no): no
Did you finish your work? (yes/no): yes
Is your name Arman? (yes/no): yes
Do you like pizza? (yes/no): no

=== Results ===
Q1: Did you take the money? (yes/no):
   Expected: no | Answer: no | Time: 0.00s -> Truthful
Q2: Are you over 18? (yes/no):
   Expected: yes | Answer: no | Time: 0.00s -> Possible LIE
Q3: Did you finish your work? (yes/no):
   Expected: yes | Answer: yes | Time: 0.00s -> Truthful
Q4: Is your name Arman? (yes/no):
   Expected: yes | Answer: yes | Time: 0.00s -> Truthful
Q5: Do you like pizza? (yes/no):
   Expected: yes | Answer: no | Time: 0.00s -> Possible LIE
```

Features

- Multiple questions.

- Response-time measurement.

- Suspicion detection.

- Clear final summary.

Conclusion

- Successfully simulates basic lie detection.
- Educational and useful for beginners in C.
- Demonstrates strings, timing, and logic.