

# Pseudocode for the Quest Algorithm

Pseudocode is an informal way of writing algorithms in order to make them easily understandable. While it represents actual computer code, it does not adhere to the syntax of any programming language. Instead, it is often written as a mixture of programming syntax and natural language.



**A**S SHE RODE, ANN pulled a small scrap of paper out of her bag:

```
WHILE I have NOT stopped darkness:  
    best_lead = "Find new information"  
    FOR each lead in my list of leads:  
        IF lead is better than best_lead  
            best_lead = lead  
    Follow the best lead  
    Check if I have stopped the darkness
```

She already knew it by heart. It contained the algorithm that Sir Galwin had taught her. Despite its simplicity, looking at the algorithm always gave her hope.

So, without any leads, Ann picked a new city in which to gather information. She would travel to Guelph and consult the foremost expert in loops, Dr. Iterator. With any luck, she would also find an opportunity to speak with Dr. Whileton.

She carefully folded the paper and returned it to her bag. At least she had a plan.