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Self-Made Assignment - C Language

Program and Program Design

Fill in the Blanks:

Question: Fill in the blanks:

1. \_\_\_\_\_ is the first known computer programmer.
2. C language was developed in the year \_\_\_\_\_.
3. \_\_\_\_\_ is used for AI research.
4. A program is a set of \_\_\_\_\_ written in a programming language.
5. In program design, \_\_\_\_\_ helps in writing clear and understandable code.
6. \_\_\_\_\_ scalability means running a program on multiple machines.

Write True or False for each of the following statements.

1. Ada Lovelace is considered the first computer programmer.
2. Machine code uses binary digits (0s and 1s) to represent instructions.
3. Assembly language is harder to understand than machine code.
4. FORTRAN and COBOL are examples of third-generation programming languages.
5. C++ was developed before the C language.
6. A well-designed program should be efficient, maintainable, and scalable.

