

1

Question: What is a variable in programming?

- A) A fixed value that cannot be changed.
- B) A reserved word with special meaning to the compiler.
- C) The name of a memory location that stores data.
- D) A line of code that is ignored by the compiler.

Correct Answer: C

2

Which of the following is NOT a valid rule for variable naming in C (as described in the text)?

- A) Variables are case-sensitive.
- B) The first character must be an alphabet or an underscore.
- C) Variables can contain commas or blank spaces.
- D) Variables cannot contain symbols other than underscores.

Correct Answer: C

3

What is the purpose of the `printf` function in C?

- A) To get input from the user.
- B) To display output to the console.
- C) To compile the C code into machine code.
- D) To define a variable.

Correct Answer: B

4

What data type would you typically use to store the value of Pi (3.14159)?

- A) Integer
- B) Character

C) Real/Floating-point

D) Keyword

Correct Answer: C

5

What does a C compiler do?

A) Executes a C program directly.

B) Translates C code into machine code.

C) Displays the output of a C program.

D) Creates comments in a C program.

Correct Answer: B