

# 2 Lecture - CS410

## Important Mcqs

1. Question: Which keyword is used to define a constant in C?

- a) const
- b) constant
- c) #define
- d) final

**Solution: a) const**

2. Question: What is the correct syntax to declare a variable in C?

- a) variableName;
- b) int variableName;
- c) variableName = value;
- d) int variableName = value;

**Solution: b) int variableName;**

3. Question: What is the purpose of the "printf" function in C?

- a) To read user input
- b) To display output on the screen
- c) To perform mathematical operations
- d) To initialize a variable

**Solution: b) To display output on the screen**

4. Question: What does the "sizeof" operator return in C?

- a) The size of a variable in bytes
- b) The value of a variable

- c) The data type of a variable
- d) The address of a variable

**Solution: a) The size of a variable in bytes**

**5. Question: How do you declare a pointer variable in C?**

- a) pointerType variableName;
- b) int\* variableName;
- c) int variableName\*;
- d) \*int variableName;

**Solution: b) int\* variableName;**

**6. Question: What is the purpose of the "scanf" function in C?**

- a) To display output on the screen
- b) To read user input
- c) To perform mathematical operations
- d) To initialize a variable

**Solution: b) To read user input**

**7. Question: Which loop is used to execute a block of code repeatedly as long as the condition is true?**

- a) for loop
- b) while loop
- c) do-while loop
- d) switch loop

**Solution: b) while loop**

**8. Question: What is the output of the following code snippet?**

- a) 15
- b) 10
- c) 5

d) Error

**Solution: a) 15**

**9. Question: What is the correct syntax for the ternary operator in C?**

a) `x ? y : z;`

b) `x : y ? z;`

c) `x ? y :: z;`

d) `: x ? y z;`

**Solution: a) `x ? y : z;`**

**10. Question: What does the "return" statement do in a function in C?**

a) It declares a variable.

b) It ends the function's execution.

c) It performs a conditional check.

d) It initializes a variable.

**Solution: b) It ends the function's execution.**