## 2 Lecture - CS410

## **Important Mcqs**

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

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

a) const

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	

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?yz;

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.