19 Lecture - CS301

Important Mcqs

1. What does the const keyword do in C++?

a) Declares a variable that cannot be modified

- b) Declares a variable that can only be modified in specific contexts
- c) Declares a variable that is used for debugging purposes

Answer: a

2. Which of the following is a benefit of using const variables?

- a) Improved program performance
- b) Increased memory usage
- c) Reduced bugs and improved program stability

Answer: c

3. Can const variables be modified after they are initialized?

a) Yes b) No

Answer: b

- 4. What happens if you try to modify a const variable in C++?
 - a) The program crashes
 - b) The compiler generates an error
 - c) The modification is allowed

Answer: b

- 5. Which of the following types of variables is typically declared as const in C++?
 - a) Variables that are used for input/output

b) Global variables

c) Variables that are used as constants in the program

Answer: c

- 6. Is the const keyword required when passing a variable by reference in C++?
 - a) Yes
 - b) No

Answer: a

7. Can a member function of a C++ class be declared as const?

a) Yes

b) No

Answer: a

8. Which of the following is an example of a const pointer in C++?

a) int* const ptr;

b) const int* ptr;

c) const int* const ptr;

Answer: a

9. Can a const variable be initialized with a value at runtime in C++?
a) Yes
b) No

b) NO Answer: b

10. Is the const keyword used in other programming languages besides C++?

a) Yes

b) No

Answer: a