10 Lecture - CS201

Important Mcqs

- 1. What is the purpose of a header file in C/C++ programming?
 - a) To contain function and variable declarations
 - b) To contain executable code
 - c) To store data
 - d) To control the flow of the program

Answer: a

- 2. Which preprocessor directive is used to include a header file in a C/C++ program?
 - a) #define
 - b) #include
 - c) #ifdef
 - d) #ifndef

Answer: b

- 3. Can a header file be included multiple times in the same program?
 - a) Yes
 - b) No

Answer: a

- 4. Which of the following is a standard C library header file?
 - a) <iostream.h>
 - b) <stdio.h>
 - c) <vector.h>
 - d) <mathematics.h>

Answer: b

- 5. What is the file extension of a header file in C/C++ programming?
 - a) .c
 - b) .h
 - c) .cpp
 - d) .hpp

Answer: b

- 6. Which of the following statements is true about header files?
 - a) They contain both function and variable definitions
 - b) They are not necessary for compiling a program
 - c) They are used to separate interface and implementation
 - d) They can be compiled separately from the rest of the program

Answer: c

- 7. What is the purpose of a guard clause in a header file?
 - a) To prevent multiple inclusion of the same file
 - b) To control the flow of the program
 - c) To define constants and macros

d) To declare functions and variables

Answer: a

- 8. Which of the following is not a standard C++ library header file?
 - a) <iostream>
 - b) <fstream>
 - c) <vector.h>
 - d) <string>

Answer: c

- 9. Can a header file be empty?
 - a) Yes
 - b) No

Answer: a

- 10. Which of the following statements is true about including header files?
 - a) Including unnecessary header files can slow down compilation time
 - b) Including header files is only necessary for large programs
 - c) Including header files is not necessary for object-oriented programming
 - d) Including header files does not affect the readability or maintainability of the code

Answer: a