

MID-2 important questions

Short Answer Questions

1. What is a Dangling Pointer?
2. What is a pointer? Write any two advantages of Pointers?
3. Define String? What are unformatted I/O functions to read and Access string?
4. Write a program to read and display the following message using string functions
"We are Learning C Programming"

5. Write any advantages using recursion.
6. What is function? Write any 2 advantages of functions
7. Write any 2 differences between Structure and Union.
8. List out the Modes to perform operations on text files.
9. What is use of `typedef` keyword in C Programming?
10. Write any 2 differences between text files and binary files.

Long Answer Questions

1. Explain pointer to pointer with example program?
2. Explain any 5 string handling functions with syntax and example.
3. Write a program to check whether the given string is palindrome or not
4. Write about the following pointer type with simple example
 - i. Generic pointer
 - ii. Null Pointer
5. What is dynamic memory allocation and explain the various dynamic memory allocation functions.
6. Write a program to perform addition of two matrices.
7. Explain Pointer arithmetic with examples.
8. What is recursion? Write a program to find the factorial of a given number using recursion.
9. Explain the following parameter passing mechanisms with suitable example programs
 - i. Call by value
 - ii. Call by reference
10. Explain the following categories of a functions with suitable example.
 - i. Function with out arguments and return value
 - ii. Function with arguments and No return value
11. Illustrate the various storage classes used in C program.
12. Explain the command line arguments with an example.
13. Explain Array of Structure with example programs.
14. Explain the structure with example program.
15. Explain Random Access File Handling Functions In C
16. Write a program to copy content of one file into another file.
17. Explain any 4 file handling functions with example.
18. Write a program to Create one text file, writing data, reading data from the file and display content.