

IMPORTANT QUESTIONS FOR TERM END EXAM by

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Question 1: Write an interactive C program to remove the duplicates in an array from the list of "N" numbers given.

Question 2: Write an interactive menu-driven C program to read a list of 10 student names and perform the following operations using functions:

- (i) To print the list of names
- (ii) To sort them in alphabetical order and display the list
- (iii) Exit

Question 3: Write an interactive C program to perform the following operations on matrices :

$$D = A (m \times m) + B (m \times m) * C (m \times m)$$

where A, B, C and D are matrices of size m x m.

Question 4: Write an interactive C program, using file handling concept to append the contents of file2 to file1 at the end.

Question 5: Write an 8086 assembly language program to convert a 3-digit decimal number to its hexadecimal equivalent.

Question 6: Write an 8086 assembly language program to find the sum of two 4-digit binary numbers.

Question 7: Write an 8086 assembly language program to subtract two 3-digit binary numbers and store the difference.

Question 8: Write an 8086 assembly language program for finding the smallest number in an array of 5 elements.