

Vision Institute of Technology Kanpur

Notes of Programming for Problem Solving(KCS201)

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Subjective Question(UNIT 5)

1. What is searching? Give an array of 20 integer. Write a program in 'C' to search for a given integer in that array. Also write the algorithm.
(2009,10,11)
2. What is sorting? Explain any one sorting technique with the following data
76,89,31,11,-6,- 15,0,17. (2008)
3. Write a 'C' program to takes a set of 10 integer and print them in ascending or descending order of their values. Also write the algorithm (2009)
4. Write a 'C' program to find out largest and second largest elements of a given list of integers. (2009)
5. What is String in 'C' Language. Write functions related to string. (2009)
6. Write a program in 'c' to check whether a given string is a Palindrome or not. (2008)
7. Write a program in C to reverse a given string?
8. Write a 'C' programs to arrange given 'n' strings in Lexicographical order.

or

Write a program in 'C' to sort the given list of names. Also write the algorithm. (2008,09)

9. What are preprocessor directives. (2008,10)
10. How macros are defined and called in C ? Explain with example. (2009)
11. What is the conditional compilation? How does it help the programmer?
(2009)
12. What is Text Files. What are various Opening modes of a File? Also Describe function Related to file? (2008)
13. Write a 'C' program to open a pre-existing text file and add some text at the end of the file and displays the content of the file after appending.(2009)
14. Write a program to copy the contents of one file to another.
(2008,09,10,11)