

C Programming Assignment – VII (File Handling, Structure)

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FILE

1. Write a C program to create a file and write contents, save and close the file.
2. Write a C program to read file contents and display on console.
3. Write a C program to read numbers from a file and write even, odd and prime numbers to separate file.
4. Write a C program to append content to a file.
5. Write a C program to compare two files.
6. Write a C program to copy contents from one file to another file.
7. Write a C program to merge two file to third file.
8. Write a C program to count characters, words and lines in a text file.
9. Write a C program to remove a word from text file.
10. Write a C program to remove specific line from a text file.
11. Write a C program to remove empty lines from a text file.
12. Write a C program to find occurrence of a word in a text file.
13. Write a C program to count occurrences of a word in a text file.
14. Write a C program to count occurrences of all words in a text file.
15. Write a C program to find and replace a word in a text file.

Structure

1. Write C program to accept the details of employee and display them using structure. Details consist of Employee ID, Name, Designation, Department, Salary.
2. Write C program to read the details of two workers and calculate total payment of workers using structure.
3. Write C program to accept batting information of cricket team using structure. It contains player name and runs scored by player. Calculate total runs scored by cricket team.
4. C program to read information of student. It contains Name, Roll number, Birthday, admission date. Calculate age of student at the time of admission.
5. Write a 'C' program to accept customer details such as: Account_no, Name, Balance using structure. Assume 3 customers in the bank. Write a function to print the account no. and name of each customer whose balance < 100 Rs.
6. Write a C program to accept details of 'n' employee (eno, ename, salary) and display the details of employee having highest salary. Use array of structure.
7. Write a menu driven program in 'C' which shows the working of library. The menu option should be
 - i) Add book details.
 - ii) Display book details.
 - iii) List all books of given author.
 - iv) List the count of books in the library.
 - v) Exit.

8. Write a 'C' Program to create a structure of student having fields roll_no, stud_name, mark1, mark2, mark3. Calculate total marks and average marks. Arrange the records in descending order of marks.
9. Write a 'C' program to accept book details for 'n' books as book_title, author, publisher and cost. Assign the accession number to each book in increasing order. Display these details as,
 1. Books of a specific author
 2. Books by a specific Publisher
 3. All Books costing Rs. 500 and above.
 4. All Books.
10. Write a C-program to create student structure having field roll_no, stud_name, class. Pass this entire structure to function and display the structure elements.
11. Write a menu driven program in C to create a structure employee having fields empid, empname, salary. Accept the details of 'n' Employees from user and perform the following operations using function.
 - Search by Emp-Id
 - Display All
 - Display Names of Employee having Salary > 10000.
12. Write a C program to create a student structure having fields stud_name and address. Accept the details of 'n' students, rearrange the data in alphabetical order of student name and display it.
