

CHAPTER 10

DATA FILES PROGRAM QUSTION

1. Write a program in C to read integers from user until user says “no”. After reading the data write all the odd numbers to a file name odd.txt and all the even number to file name even.txt. [4] [074]
2. Write a program to read name and roll number of 48 students from user and store them in file. If the file already contains data, your program should add new data at the end of the file. [6] [073]
3. Write a program to open file named INVENTORY and store in it for maximum 10000 data of ITEM_NAME, NUMBER, PRICE, QUANTITY. Extend the program to read this data from the above given filename and display the inventory table with the value of each item. [6] [2073]
4. Write a program to write name, roll no and age of five students into a disk file name “STUDENT.DAT”. [6] [2072]
5. Write a program to read the information of a file named “data.txt” and write its contents to another file ”record.txt”. [6] [2072]
6. Write a C program to store employee details in a text file. Read data from the text file, sort them in ascending order of salary and store the sorted to a binary file. Display the details and rank of employee given by the user. [8] [071]
7. Write a program to continuously read name, age and salary of a worker and write it into a file until user confirms to end. Then read n from user and display the nth record in the file. Details of worker must be represented by a structure. [7] [071]
8. Define opening and closing a file along with suitable examples. [4] [070]
9. WAP to display the records in sorted order sorting is performed in ascending order with respect to name using data files concept. [4] [070]
10. Write a program to read the details of book authors and write it to a file, until the user confirms to end. Then read and display the nth record in the file, where n is read from the user. The data for authors must be represented by structures that contain name, nationally and number of books published. [8] [070]
11. Write a program to read integers from user until user says “no”. After reading the data write all the odd numbers to a file named ODD and all the even number to file named EVEN. [6] [069]
12. Write a program in C, to read the following information for 96 students.
Student Name, Student roll number, Marks obtained (in 100)
Record all data in “ioe.txt” file, and program should print roll number and name of student who have obtained greater than or equal to 40 marks. [8] [069]
13. Write a program to input and save record like name, roll, address and obtained mark of 48 students in a binary file and search and display the record of a student whose obtained mark in highest. The information should be organized in a structure. [8] [068]