28221 DSA Assignment No.10 Page No. Aim: Implementation of sequential file. problem statement. Department maintains students database. The file contains roll No name, division & address. Write a program to create a sequential file to be store and maintain student data. It should allows user to: a) Create student database. b) Add a informath of student. c) Delete informath of student. d) search and display info of particular student 1) If record is found the display it. (F) If not found then display Display records Theony: what is file data structure? file data structure is the ôrganization of data in secondary grorage device in such a way that it mimize the access time and storage space. Meed for filedata structure String a file will presence your data even If the program terminates

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	Types of file
	Data and code file A data file is computer file which stores clata to be used by computer application or system, including input and output data "It usually does not contain instructions or code to be excused
<u>(4</u>	Variable vs fixed length file fixed length records: All records in file have same size
<u>c)</u>	Text is Binary Fries Text files contain textual information in the form of apphabels digits and special characters: Esinary files contains bytes on a compiled version of text files.
4	Bused of data organization Sequential files: contains and stors in cho- nological order Thdex sequentfal files: Records are stored in the order that they are exitten to diste Direct access files: All records are stored in
	hand disk randomly through out the file



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19)	The coithassign classes one provided with extra functionality for the assignment operations
F)	File open with modes class road, write syntaxes in c++ with examples Opening file syntax . pto: fopen ("fileopen", 'mode'); path
	modes r= reading rt = both read from the rb = reading in binary rbt = both in binary w = wonting of = both read from the
	ub = writing in binary obt = both binaring a = append at = both read f-write ab = append in binary abt = both binary append ab = append in binary
_\$\)	isopen, of meaning if stream: is open-refund if the stream is currently associated to file ios: eof:= returns true if the eof bit emer state flog is set for the stream
AND LANGE	