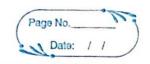
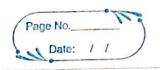
	Jane. 11
	Assignment 10
*	Title:
3000	Student database using file dhandling
*	Problem Statement:
	Department matmaintains student
	information. The file contains roll number,
	name, division 4 address. Allow user to
	add delete information of student. Display
	information of particular student. If
ì	record of student does not exist, an
1 2	appropriate message is displayed. Use
	sequential file to maintain the data.
A	Objectives
	> To understand file handling
	2) To understand hashing.
*	Outcomes:
	I will be able to create student database
	using concepts of file handling & hashing.
*	Requirements:
	1) 64 bit operating system.
	1) 64 bit operating system 2) Editor, compiler (g++), linker, loader.
	3) CPU, RAM
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	1. File is a stream of bytes. Size of
	file is expressed in terms of
	number of bytes.
	2. A text file has visible characters
	whereas binary file consists of
	different combitions of a byte.
	Sequential file: Records are added in order of arrival.
	in order of arrival.
	Random file: Records can be inserted y retrieved from any position.
	if retrieved from any position.
4	Algorithm
7	,
1.	Write to File:
	write (int roll, char name, int div) ?
	Student s=new student (roll, name, div)
	Student s = new student (roll, name, div) file. seekp (0, jos::end)
	file. write ((char +) &s , size of (s))
	}
	}
0	Disolari
Q.	Display:
Q.	display()}
Q.	display()} Student S;
Q.	display()} Student S;
Q.	display()} Student S;
Q.	display() { Student S;



3.	Delete:
	delete Record (Int roll) ?
	ofstream newfile ("new.txt", jas::bin);
	file seeka (0, ios::beg)
	bolol flag = false;
	botol flag = false; Student; S;
	while (we do not reach eof) {
	if (s. roll = roll)}
	flag = treve
	continue;
	3
	newfile write ((char*) &s, Sizeof(s))
	}
	1
A	Tool Coops
7	Test Cases
	Input Expected ofp Actual ofp
	Roll Name Div
,)	22.1
	15 Riya 3 15, Riye, 3 Yes
	29 Abhi 4 29, Abhi, 4
2)	Search 29 29 Abhi 4 Yes
3)	9
	29 Abhi 4
A	Conclusion: We successfully implemented
	file handling operation using sequential file.