Title: - file Handling;

problem 8tatement:

an output file, write information to it, classes the file and open it again as an input file and read the information from the files.

preaequistics: object oriented programming.

objectives:- To learn the Concept of file handlig

Theory:

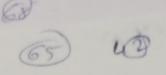
stream: A stream is a sequence of byte. It ats, as source from which the input data can be obtained on as a destination to which the output data can be sent.

1 Input stream:

Input. Stream are used to hold input from a data produces, such as a keyword of file , or network. The Sources Stream that provides .data to the program is (alled the input stream.

@ Output stream;

output stream are used to hold output for a particular data consumes such as q monitor afile or a printer this destination



stream that receive data from the program is called the output stream File handling provides three new data O ofstream - output stream.
O if stream - input stream.
O fstream - file stream. To perform file processing ett, header file Liostream ) and Listream ) must be included in your ctt cource file. Opening afile: from it or write to it Syntax'void open Court chart file name, ios:: open mode): Modes: ios:: app -> append mode ios: ato -> read (write (on tool to end) ios:: in - ) reading mode. ios: out of writing modi. it content will be truncated before opining the file closing affic:when a ctt terminate it autometi-- Cally close all the stream, realease all the

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all ocated memory and close all the opend files.

Syntax: - Void close (1:

write to a file.

- while doing the programming, you write information to a file from your program using the stream insection operator (x) just as you use that operator to output information to the screen.

ofstream or ifstream object instead of the

Reading from afile:

- Youread information from a file into your program using the stream extraction operation (>>) just as you that operator to input information from the keyboard.

- if stream or ibstream object instead of in object.

- syntax.

file read (than +) &v. 8ize of (v)); file write ((than +) &v, 8ize of (v));

Facilities :-

linux operating system. (x+

Algorithm:

1 8tast

6 create a class

- 6) befine data member rollnumber and name
- Dogine accept () to take name and soll number
- 6 Define display () to display the record.
- 6 In main() create the object of class and ifstream
- ¿ To take a limit from uses in a vociable.
- B) open the file in out mode, (all accept() to take record from user, then (all write () to write that record into the file and at the end close that file.
- 6 open the file in mode, sead the record from the file, (all display is junction to display the record and at the end close that file.

Ostop.

Condusion: Hence we have studied affile Handling