

Note \*: >> will ignore whitespaces · WE are spaces, tales, newline · enog to read from a file & dishlay it int main () ifsteam myin ("file. +xt"); than 11 create a char away to Ustare data read from the file char words [255]; · 1/>> will read I would from stream & men step. So use loop to read mul words from the stream · 11 when all words & read, the state of stream will be false, in that. Care the loop will be broken. 1150 loop will be as follows. while (1) (myin >> wouls;) Tread I would who whitespace. (ig (myin) cout < words); (1 Print only when It is end of file is reached, men 115 tream will be false, so break loop elre break;

myin.close ();

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Note. If chan an in p/v to >> then
it will read only I word at a time.

It will not read complete tent.

So bop needs to be used.

\* why x removed so the off will

\* why x removed so the off will

\* white spaces (wx) x ignored by >>

So off will be

"This is line I This is line 2".

Read "than by than" from a file using ">>> oherator"

·>> can be used to read I chan from the file

. In this case than var should be p/v to the >> operator instead of char array

ed char chi,
myin>> chi,

· look should be used until eof arrives. in that case myin will be fathe.

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frogram:
int main ()
    iftheam myin ("file. +xt");
     Charlets, // Check if file open success
     y (! myin)
        contec" can't open";
  return o';
    Il var to store char read from file
    char Ch;
   while (1)
       myin>> Chi,
       Mread 1 Chan
      ig (myin) cout << ch;
      Il myin true maans eof not reached.
      else break;
     Il nyin bake means eof reached reached
       so break loof.
   myin. close ()
```

(4

Note. When a char var is blu to >> it will read only I chan . If a char array is 6/V then it will read 1 word · >> ignores whitespaces in both lares. · Loop should be used in both cares · of will be: -" This is line 1 This is line 2" Reading from a file-3 · Reading "char by . char" from a file using " get ()" fun

- . Estream provides a get fun. It reads I chan from tile.
- myin.get (ch);

  Chan read from file will be

  Stored in ch

  11 Wrong way to use get ()

  11 Ch = myin.get () // This is wrong.
- · it doen't ignores ws. · leap shud be used with get ()

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Prog :
int main ()
       ijstream myin ("file. trd").
       Char Chi
      while ( iy (! myin)
              cout << " can't ohen";
               return 0;
     while (1)
          Imyin. get (Ch);
          ig (myin) Cout << ch;
           elre break;
     myin. close ();
Note: - get () will read 1 chan
 · une while look to read mul char
 . it doen't ignore ws
 . O/P will be
  11 This is line I
    This is line 2".
```

Reading from a file-4 · Read "complete tent" from a file using "read fun" . Read fun is a V. convenient way to read complete tent from a file · No loop is needed. . No us v ignored . syntare: Chan a words [255]; myin. read ( words, size of (words)) size of char among Char among to who data will be stored. This param must be Chan \* int main () ijstream myin ("fåle.txt"); ig (! myin) cout << " con't open"; return o', Chan words [255]; 11 Chan array to stone data read from the file.

myin-read (words, Size of (words)); Cout << words; // Init the tent read from file;

myin. close ();

MRead fun is able to read complete tent from the file at a time, so no loop is required.

Reading from a file-5

· Reading <u>"an obj"</u> from a file uring "read fun"

· Read () is rapable of reading an obj

. The file must be store data in the same format as that of an obj.

. No loop is needed.

· Syntax student tempobj; myin read ((Chart) \$02j, mjeg (06j));

Prog:-HAssume a student clan is already created here int main () student tempobj; temp obj to store the data 11 read from a file ystream myin ( # tent file. +st"); ig ( I myin) Cout << " Can't open"; return o; myin-read (((han\*) & tembobj, sizeg(tembobj)); et a ste bet to the obj & convert sizeg obj get a ftr to the obj & Convert + (chan \*) · This param must be of type (than \*) tempobj.get (); // hunt obj details. myin.close ();

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Reading from a file - 6 | · Read "line ky line" from a file uning "getline ()" fun · gettine () allows you to write a line from the stream. · neuline char ('(n') will be ignored · syntax: char words [155]; myin-getline (words, sizeg(words)); · This will only read I line from the stream, so loop must be listed to read mud lines from the stream. . Spares & not ignored but 'n' will he ignored. int main() igstream myin ("file.txt"); Chan words [255]; ig ( ! myin ) contec" can't open"; return 0;

while (1) myin getline (words, size of (words)); is (2 myin) contex words; else bresk;

11. This look will read I line from the file 11 Then it will check if the stream state is true or fate 11 Stream will be true when eof is not reached so it will print 11 Stream will be false when eof is reached 11. So it will break loop. myin. clare ();

3-//main ends

Note: 25 'm' is ignored. So of P will

"This is line 1 This is line 2". WALL lines will be printed in a line Summary of diff ways to read from a file

۰. ۱	description	( une	look reguned	Remark.
inothed >>> (extraction)	word	chan words bess]; myin>> words	Yes	whitespaces are ignored
(operato)	chan les chan	Char ch; myin>> ch;		
get ()	chan by	myin get (th);	, <b>U</b>	And M
read()	complete	myim read (words, size of weeks)	); ((	
	object	Student tempobj myin. read	1	
gethie ()	line by line	Char words [255] myin-getline ()	yes Yes	ignored
3-04		The state of the s	J	de succession

Note: :- which method to use defends on your requirement · unally read() is a convenient way to read complete tent from file

2) If text needs to be processed than by chan han use get () Jun to read than 3) obj can be read using read () Jun.