Day:	Date: / /
	Filing Bosics
	Le Saltadd 28 de deside a escului sel
4	- when ever we run a program so everything is shored
	on a ram and it is discorded when program stops
	but what it all of this stays saved?
	Part Company Come desired
	- For this we use files
	- Establish by a consistent
	- For input subput on terminal re required
	and we got them from <ioshrams.< td=""></ioshrams.<>
	997 10011 = 10011 = 1
	- For the input and output in a file we require
	file shream abject and we get thom from:
	# include < f stream >
	File stream objects.
is used to write	1) of sheam.
h um VC	output like stream.
	You can use this when you want to create and ad
	data to a tile.
put 64	
h read.	2) if stream
	Input file stream.
	You can use this to open an existing life and read local from it.
gen skamp a color state of the state of	auca from it.

Chate Day: 3) Falmour File s'morn. Objects of the dute type or used to open follow for reading a survey of boths this will be implied for Creating a file object and opening a file: -Below data can be written and read: of The ble some origin and a reds of The file must be opened and loved to be in shown object 1) For working : out public ; outablic open ("led be"); 2) For reading it aloum simplifies impublic eagen (kel tx"); TO W



ay:	Date: / /	Aprendigio
Active Addresses		
P. P. & Wall Co., Lines of	governd:	
erikaninaran dea		
t William on Command of Justin	file stamobjects into horse (name)	
enach des aus die Staden eine	identifier open (name)	
and the second of the second		
*****	+ identifier can be any name eig input or	٨
	file as input but don't do that.	N
***	* Second line opens the file that we we	200
	hopen.	MU
		Timese v maco
	* Now the identifier will be used	
-	whereever we are reading or writing	in
	the file, not the original lite name.	
-		
	Closing a file:	
		atio perima pue
and the second section	- Whenever a program terminates a file is always a good practice to doze it.	
	automatically closed but it is always	
	Hours practice to dose it.	- Indiana
	How?	
	identifier.close ()	
erana er Erana erana er	no med b write the	
en made gloren a trans		and our
n de vertidisele		
arealana, rahird		1454

Day Writing data to file: ofstream output sile: outputile. open ("test-test"); 4 out put like a "Price: " price de enall; 6 output tile dose (): lest-txt This works just tile coul I love ctt but instead of outputting to a terminal you output to Price: 70 a file. interport boists - whenever we open a like to write a new file is created and it a previous existed it will be deleted. * So whenever we open a file it will be empty as it is nowly created. the didn't emit it will be - even if we don't write anything the RLB will be recreated and emplied if eve open it for writing.

Day: Date: / / output, Gle. open (" tent . fret")
and a Hello" a end!; output the -close () out pul file oppose ("fent . pet") cout a " Ni ex end (; out put tile · close () The six will only have Hi in it ap the like way reopend so re created. Rating dola from. a file: - Fooding Data is very different. eig when we to use in we can get one number of the a single (Not even a whole line) all of those problem also digh with files. Yousal

Date: Day: -if we are reading like a single number of a single word then simply: inplut ble > number; coul << number OY Las des input lile >> line; cout a line; I For many number in a file use can use a which is what we used if we need many numbers during cin. ie int number; 2 while (inputile >number) { cout « number; The while loop will can until there is a number, if no number house Yousu 2) But what about a whole line when we used to air a whole line we used to air a whole line we used get line so the same will be used here

shing line;

2 while (get line (input hile, line))?

3 coult so line accordl;

7

This will give you lines.

3) what if we want characters.

Then we can change:

1 char chi

2 while (inputales ch) {

3 cout a chacendle

V

This gives character.

Yousaf

Dag: Using EOFC): This handson tells is about the end of a file ue can eg b read while (e !eof()){ get live (input the, live); out a line seemd L; Usage:

The will be used later e-g when we my be append a file instead of all overwining it.

We can go to eaf and state suriting from Herc

Date: / / Teaking the file for emors. file can give error when we open them for reading if doesn't exist. This will be a logical error and not a syntax error. Has to check? 1) if (input like else ? " Error: Could not open." (! input file) {

Yousu