	Chapter 10 - Filen I/Ohn Daniedo Si				
	THE STEEL STRONGIST OF SELECT OF MENT				
1 1 1	The Random Access Memory is volatile and its				
(1)	content is lost once the program terminates.				
1,,,	In order to persist the data forever we use files.				
	A file is data stored in a storage device. A C program (an talk to the file by reading content from it and writing content to it.				
	A C program can talk to the file by reading				
	content from it and writing content to it.				
	Par ac Alm - Annie Write 12				
Mayle	Write FILE				
	C Program FILE vead in				
	Programmer				
14)	and the state of t				
100	FILE pointer				
•	The "FILE" is a structure which needs to be created				
	for opening the file. A file pointer is a pointer to this structure of				
	A file pointer is a pointer to this structure of				
	FILE pointer is needed for				
	Communication between the				
	file and the program.				
	A FUE LUE AND led market I am All Del				
Land Fr	A FILE pointer can be created as follows:				
	FILE * btr: - 18+0 * 2112				
	ptr = fopen ("filename: ext", "mode");				
	The state of the s				

	-
File opening modes in C select	A 1
Caffe the programmers to select	a mode
Colo Washington	M M
following modes are primarily used in	C file I/o
	MADE IN
"r" -> open for reading If the	file ages not
(Aust -	file does not open returns
"rb" -> Open for reading NULL in binary to my many	111
solven in planty stor and margore	13'
1 by 1 de la de la contracta de la companya de la c	160 00
"W" -> open for writing If the	file exist the
1 anents	vill be overwritten
"wb" -> Open for writing	O TO COLUMNIA
"wb" -> Open for writing in binary	TAN.
In billiary	N. Carlotte
"a" -> open for append -> If H	ue file idoes not
a open for appoint	it will be
bities on a store didentification of the at	The walk of
ald it wise	da wal
Tubeknot Filex of moning	1 17
Those mus two tubes of Eiles:	
17 Text files (txt (c)	Challing Office
27 Binary files (.) bg. dat)	132 A 173
man James Cold, and James Jame	STEEL
Reading a file	
A file can be opened for reading	as follows:
Tot return	as follows.
FILE * btr;	3117
ptr = fopen ("Harry.txt", "r");	
int num;	- NAC

U	R	В	A	N	
	Г	1	•	3	
	L	L	7	_	

Let us assume that Harry txt contains van integer We can read that integer using: fscanf (ptr, "% d", & num); => fscanf is file counterpart of

This will read an integer from file in

num variable. Quick aug: Modify the program above to check whether the file exists or not before opening the file. CLOSING the file

It is very important to close the file after read or write. This is pacheived using fclose as follows: This will tell the compiler that we are done working with this file and the associated resources could be freed. Writing to a file.
We can write to a file in a very similar manner.
Like we read the file. FILE *ptr;
fptr = fopen ("Havry txt", "w");

	EXE
	int num = 4325 fprintf (fptr, "of.d", num);
1/20/	reside (chlus "old" num state
	tprint (tpus)
	fclose (fptr);
A.	Coite() and Chut()
	racta and spute are used to relad and write
	fgetc () and fputc () fgetc and fputc are used to relad and write a Character from/to a file
.)	
7,	Tyen Change from file
	fbut ('c' btr); => used to write character
	C to the file
1	EOFN: End of Fileral of tradraday was as
Al	facto roturns EOF when all the characters from a
	file have been read so we can write a great
	like below to detect end of file
- 43	While (1) 3
idyo'i	ch = fgetc (ptr); when all the content
LIM	if (ch = = EOF) & land of a file has been row
	break; break the loop!
	11 code
Will!	india & west of a side of or atom market
	in the man the file
	10. 6 8.

	The state of the s	ĔĎĠĖ
	Chapter 10 - Practice Se	et Japan
1	Write a program to read	three integers from
2	Write a program to general of a given number in that the file is readable	e multiplication table ext format Make sure and well formatted
3 1	Nrite a program to read a by character and write a separate file.	a text file character its content twice in
4 -	Take name and salary of from the user and write in the following format:	two employees as input them to a text file
	name 2, 7700	
5 1	Write a program to modify an integer to doubte i	s value.
	prev. file new file	
	Pres. 1	

EDG3 Project 2: Grake, Water, Gun Grake, Water, gun or Rock, paper, Scissors is a game most of us have played during School time. [I sometimes play it even now @) Write a C program capable of playing this spame with your land Your program should be able to print the result after you choose Grake/water or gun.