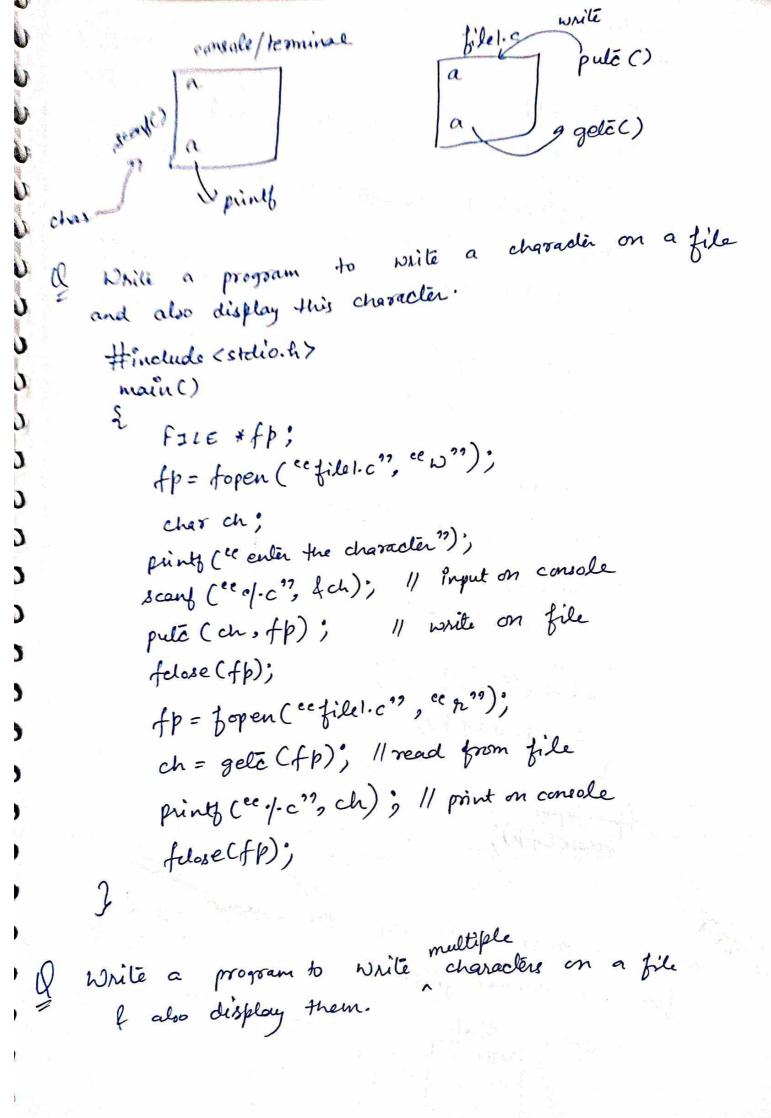
* A file is tosed to slore large volume of dala permanently. * A file is of two lypes: (a) Binary file ? All the dala is present in the (b) Text file + date a present in the form of alphobelé, digits, special symbols. Operations performed on a file i-(i) naming a file (ii) opening a file (ii) reading from a file (iv) writing on a file file Handling functions in Cir (i) fopen()) to open or create a file (i) folose()) to close a file (iii) gele ()) to seed a character from a file (iv) pulé()) to write a " in a file (v) getw() > to read an inleger from a file (U) puto()) to write on " in a file (vii) fscarf() > to read set of values from a file (viii) fraints (?) ? bossite " " " in a file (ix) berier () > to check for errors in a file (x) ftell()) to tell the current position in a file (xi) freek()) to set the pointer to desired location in a file

```
modes of file:-
(i) read mode (r)
(ii) write mode (w)
(iii) append mode (a)
                         modes
                                                append
                         write
    1 read
                                                file exist!
                        file exists?
     file enits?
                              YNO
   408,6
                                                     ereate
                                          You can
                              24 will
                     You can
                                          add the
           It will
                     write me
 you can
                               crealé
  read
                               a file
            show ar
                     clala
             error
             Syntax:- fopen ("e file-name", "emode");
    fopen()-)
               fopen ("file1.c", "e 2");
                syntax:- fopon (file-pointer);
    fclose () >
                 fclose (fp);
    How to create/opena file 1>
                  FILE *fp;
                  fp = fopen (" file-name", " mode");
   Synlax:
                  FILE *fp;
                 fp = fopen (ec file 1.c", ec w");
```

How to read & weite a character in a file Pula() ; to write a single character. Synlax:- pulc (ch, file-pointer); ch? character variable Committee variable (e) pulé (ch, fp); gelc()) to read a single character from a file Syntax: Ch = gelā (file-pointer); ch = gelc (fp); How to read 4 write an inleger in a file putuc) > to write an integer syntax) | puter (n, file-pointer); (mofp); C gelis()) to read on inleger ynlon - n= getw (file-pointer); (8) n= getw (fp); How to read & write set of values) frint() > to write a set of values synlax: - Sprints (file-pointer, "format specifier", address of carioth) fprints (fp, ee % 6, 6, ka); frintz (fp, "/d·/·c·/·z", 4a, &b, 4c);) fscant () > to read a set of values Jynlax) Board (file-pointer, "format-specifier", name Boaria fscanb (fp, ce 1.60, a);



EOF > End of file #include (stdio.h) It indicates the main () end of file. fp= fopen (ecfilel.c", "(w"); =) proces ctrl + 2 prints ("center the character"); char ch; scanf (". /. c", &ch); comple apple while (ch! = EOF) pula (ch, fp), scanf (ee./.c", &ch)", fclose(fp); fp=fopen("file1.c", "(x"); ch = gele (fp); while (ch! = EOF) prints (ec. / c ??, ch); ch=gela(fp); fp fope 'folose(fp)', O XXXX) Write a c program to copy the contents of a file into another file. filez / write

```
#include Lstdio. h>
 main()
     FILE *fp1, *fp2;
     fp1 = fopen (cc filel-c", ce 2");
    tpa = fopen (ec filez.c", ec w");
     char ch;
      ch = gelc (fp1); 1/read from file 1
       while (ch!=EOF)
            pula (ch, fp2); 11 write for file2'
            ch = gele (fp1);
        fdose (fp1);
        fclose (fpz);
WAP to count nor of characters in a file.
Hinclude (stdio.h)
 main ()
     FILE *fp;
     forpen = tp = topen ("file1.c", "x");
      char ch;
       int c = 0;
       ch = gelc (fp);
        while (ch! = EOF)
            c= c+1;
            ch=gelc(fp);
       prints (ce no. of haracters = of. die, c);
         fclose (fp);
```

```
check whether two files are
                                            identical
WAP to
 or not.
       check whether contents of two tites
 equal by not.
  #include < stdio.h>
    main ()
       fILE *fp1, *fp2;
      fp1= topen ("file1.c", "(x"))
     fp2: fopen ("file 2.c", «x");
      char chi, ch2;
       int C=0;
       chi= getc (fpi);
       cha= gelā Cfpz);
       while (ch! = Eof & & cha! = Eof)
             16 (ch! != ch2)
                 { c=1;
                 break;
               ch1= gela (fp1);
               ch 2 = gelc Cfp2);
         3
       if ( c = = 0)

E print (" gdentical");
             print ("not");
       felose (fpl);
       folose (fp2)
```

```
WAP to write 10 integers in a file named as
     number.c. Out of these lo integers, write all the
   even numbers in a file named EVEN.c and all
   the odd numbers in a file named ODD.C
#include (stdio.h)
main ()
  FILE * fp1, *fp2, *fp3;
 fp1= fopen Coe tide number. c ??, ce w?);
  int n;
  print ( el enter the inleger ?));
  scarf ("1.d", &n);
   while (n!= EOF)
       puto (n. fpl);
      scorf (e./.d", ln);
    folose (fp1);
 fpl= fopen (comber.comber.comber);
fp2 = fopen ("even.c", "(w");
fp3= fopen (ecoddic", ecw");
   n= getw (fb1);
   while (n! = EOF)
       if (n-1-2==0)
         {
  putw (n, +p2);
  }
  putw (n, +p3);
  }
   i n= get (fpl);
     fclose (fp1);
     fclose (fp2);
      fclose (fp3),
```

coule Nowsex-C 12345 even c 246 810