named dataset

named collection of data

* non volatile data

Non volatile data storage

stored as a sequence of bytes

logically contiguous.

* may not be physically
continuous on disk

only sequential access of data

Text files	Binary File
only ascii code	contain non ascii characters
Ex C files	* image audio image audio

Open: To open a files where are reh dater.
read to The file is used as an input
write- file is used as an output.
read ⟶ file as inputs
write ⟶ file as output.
close ⟶ preserve file for later use

write ⟶ file as output

read ⟶ file is used as an inputs

w+ ⟶ reading and writing.

token (,   )
        ↓   ↓ mode of
   name of file   opening the
                     file.

if (ptr == NULL)
{
  printf("Cannot create a file);
  return 0;
}

fgetc() → returns the next character as an unsigned integer.

fscanf() — proper reading of data with formatting

fgets(char *s, size, FILE *ptr)
         ↓
   array where read data will be stored

size → the limit till when we have to read data

it reads at most n-1 char and store
if new line is encountered, stored in the array
     fgets() → new lines
         ↑ read character

while (fgets(adr, 1000, ptr) != null)
{
   (getc)   Writing into a file
  reading into a file
   fgetc()   fputc()
   getc()   putc()
   fscanf()   fprintf()
   fgets(fputs()