

Open file table:

$\swarrow$  returns FILE\*  
 $\swarrow$   
 fopen  $\leftarrow$  open

$\swarrow$  returns (int)  
 (look in the table)

$\swarrow$  stdout, stderr  
 printf

printf	getc	gets	scanf
fscanf	putc	puts	printf
fgetc			error

$\swarrow$  stdin

system calls  
 open  
 read  
 write  
 close  
 lseek

0	Std input
1	Std output
2	Std err
3	a.txt
4	b.c

## Input / Output redirection:

> a.txt - stores the output in file a.txt

>> a.txt - appends -||- -||-

< a.txt - reads input from a.txt

ls | sort - takes output from ls and makes it an input for sort.

/dev/null - good for hiding output

Truth value is the process exit code

0 → TRUE

≠ 0 → FALSE

# Permissions:

for the owner      for the group      for everyone

rwx    rwx    rwx

↑    ↑    ↑

read   write   execute

1 1 1      1 1 1      1 1 1

7            7            7

110      110      100

6            6            4

chmod 700 a.sh - gives permission only to the owner