**Redirection operators and STDIN, STDOUT, STDERR**

# **Output Redirection operators:**

* > : To create a new file
* >> : To append the content

# **Input Redirection Operators:**

* < : To provide the input
* command < input\_file
* command: The program or command that will process the input.
* input\_file: The file that contains the data to be used as input.

# **Combining Redirection operators:**

* | : To send the input standard output of one command to another command as a input

# **STDIN, STDOUT, STDERR**

**File Descriptors** are used to separate STDOUT and STDERR.

**File Descriptors** is a simply an integer number to identify a STDIN, STDOUT and STDERR.

* **0 : STDIN**
* **1 : STDOUT**
* **2 : STDERR**

**In general,**

* > file\_name (By defaults, stores a success output)
* 1>file\_name (Stores a Success output)
* 2>file\_name (Stores a Error output)

**Both success and error output will be stored into single file**

* 1>file\_name 2>file\_name
* 1>file\_name 2&>1
* &>file\_name