

# Notes 6

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\* -

- definition:
  - matches 0 to any number of characters
- examples:
  - move all files in a given directory that's a pdf to home:
    - `mv givenDirec/*.pdf ~`
  - list all directories in a given directory without listing their contents:
    - `ls -ld givenDirec/*/`
  - list all directories in a given directory and their contents:
    - `ls givenDirec/*/`

? -

- definition:
  - matches only 1 character
- examples:
  - list all files in the current directory with j and a 3 character file extension:
    - `ls *j*.???`
  - list all files in the current directory that have a 2 character file extension:
    - `ls *.??`
  - list all files in current directory that names are only 5 characters:
    - `ls ??????.*`

[] -

- definition:
  - matches 1 character from a set
- examples:
  - list all files in the given directory that starts with a number from 0 to 9:
    - `ls givenDirec/[0-9]`
  - list all files that start with a uppercase letter
    - `ls [:upper:]*.*`
  - list all files in current directory that starts with 3 lowercase characters:
    - `ls [a-z][a-z][a-z]*.*`