

Working with files Continue

cp command

- 1) cp stands for Copy
- 2) Purpose : To copy a file or Directory
- 3) Use Case 1: To copy from one file to another File
- 4) Syntax for Use Case 1

```
cp    source_file  destination_file
```

From which file
we are going to
copy the content

in which file we are
going to store Content

Example

```
cp F1.txt F2.txt
```

i) Total content from a F1.txt will be copied to F2.txt

ii) If destination file is not available then this command will create destination file

iii) If destination file is available and contains some data then this data will be overrride with source file data

iv) source file must be available, if source file is not available then we will get error

Note :If we want to copy muliple file content into single file then this is not possible with cp command.

```
cp F1.txt F2.txt F3.txt F4.txt --> invalid  
error: target : F4.txt not a directory
```

If we want to copy multiple files content into single then we should go with cat command.

```
cat F1.txt F2.txt F3.txt > F4.txt --> valid
```

Use case 2: Copy file or files to Directory

Syntax `cp File1_name File2_name Directory_name`

Example : `cp F1.txt A`

If directory A is not available then system will consider it as File and create a file named with A and copy data from F1.txt to A

If Directory A is available then cp command copy F1.txt to directory A

`cp F1.txt F2.txt F3.txt F4.txt A`

all files F1, F2, F3 and F4 will be copied to directory A