Study Guide For Final Spring 2022

List of commands and their usage

The DATE command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
    - `mkdir newMusic`
- To make 2 directories:
    - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
    - `mkdir —p myMusic/Genres/`

The UNAME command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
    - `mkdir newMusic`
- To make 2 directories:
    - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
    - `mkdir —p myMusic/Genres/`

The DU command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The FREE command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The ECHO command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The APT command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The PWD command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory

     ○ `mkdir -p myMusic/Genres/`

The CD command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
    - `mkdir newMusic`
- To make 2 directories:
    - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
    - `mkdir -p myMusic/Genres/`

The LS command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
    - `mkdir newMusic`
- To make 2 directories:
    - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
    - `mkdir -p myMusic/Genres/`

The TREE command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The MAN command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The MKDIR command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
    - `mkdir newMusic`
- To make 2 directories:
    - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
    - `mkdir -p myMusic/Genres/`

The TOUCH command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
    - `mkdir newMusic`
- To make 2 directories:
    - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
    - `mkdir -p myMusic/Genres/`

The RM command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
    - `mkdir newMusic`
- To make 2 directories:
    - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
    - `mkdir -p myMusic/Genres/`

The CP command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
    - `mkdir newMusic`
- To make 2 directories:
    - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
    - `mkdir -p myMusic/Genres/`

The MV command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
    - `mkdir newMusic`
- To make 2 directories:
    - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
    - `mkdir -p myMusic/Genres/`

The STAT command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
    - ```mkdir newMusic```
- To make 2 directories:
    - ```mkdir newMusic oldMusic```
- To make a parent directory and a child directory
    - ```mkdir -p myMusic/Genres/```

The WILDCARDS command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
    - ```mkdir newMusic```
- To make 2 directories:
    - ```mkdir newMusic oldMusic```
- To make a parent directory and a child directory
    - ```mkdir -p myMusic/Genres/```

The BRACE EXPANSION command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
    - ```mkdir newMusic```
- To make 2 directories:
    - ```mkdir newMusic oldMusic```

- To make a parent directory and a child directory
  - `mkdir –p myMusic/Genres/`

The CAT command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir –p myMusic/Genres/`

The HEAD command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir –p myMusic/Genres/`

The TAIL command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The CUT command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The TRcommand

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The PASTE command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The WC command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory

- ○ `mkdir -p myMusic/Genres/`

The GREP command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - ○ `mkdir newMusic`
- To make 2 directories:
  - ○ `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - ○ `mkdir -p myMusic/Genres/`

The OUTPUT REDIRECTION command

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - ○ `mkdir newMusic`
- To make 2 directories:
  - ○ `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - ○ `mkdir -p myMusic/Genres/`

The > command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The VIM command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The TAR command

Description

It is used for creating directories

Syntax

```
cmd + options
```

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The gz, bzip2, xz commands

Description

It is used for creating directories

Syntax

`cmd + options`

Example

- To make a directory:
  - `mkdir newMusic`
- To make 2 directories:
  - `mkdir newMusic oldMusic`
- To make a parent directory and a child directory
  - `mkdir -p myMusic/Genres/`

The CHMOD command

Description

It is used to change permissions of a file or directory using simbolic or numeric notation

Syntax

`chmod + user, group,other + name of file/directory`

Example

- To change executable to current user permissions of a directory:
  - `chmod u+x newMusic/`
- To grant full permisions to a directory:
  - `chmod u=777 newMusic/`
- To restrict permission of a file to all the users:
  - `chmod u=0, g=0 o=0 myfile.txt`