



# prep week: BASH

## BASH basics

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The following exercise contains the following subjects:

- BASH basics

## Instructions

### 1. Scenario: Organizing a Music Collection

Imagine you're a developer working on a project to organize a digital music collection. You'll use bash commands to navigate directories, manage files, and perform various tasks related to music organization.

1. Start by creating a directory called "MusicCollection".
2. Move into the "MusicCollection" directory.
3. Inside the collection, create four directories: "Classical", "Rock", "Pop", and "HipHop".
4. Move into the "Rock" directory using the ``cd`` command.
5. Create a text file named "ClassicRock.txt".
6. Add the names of three classic rock bands to "ClassicRock.txt".
7. Display the contents of "ClassicRock.txt".
8. Return to the "MusicCollection" directory.
9. Create a text file named "Top40.txt" inside the "Pop" directory.
10. Add the names of three popular pop artists to "Top40.txt".
11. Display the contents of "Top40.txt".



12. Move the "ClassicRock.txt" file from the "Rock" directory to the "Pop" directory.
13. Rename "Top40.txt" to "HitSongs.txt".
14. Create a new directory called "Featured" within the "HipHop" directory.
15. Move into the "Featured" directory.
16. Create a file named "BestRappers.txt".
17. Add the names of three prominent hip-hop artists to "BestRappers.txt."
18. Display the contents of "BestRappers.txt" page by page using the `less` command.
19. delete all the contents of the HipHop folder from within the Rock folder.

2. send me the answers in pdf format to [yishain11@gmail.com](mailto:yishain11@gmail.com). Later in the course you will upload the answers to moodle.