**EXERCISE 3**

1. Using tar, create an archive of**/etc** in the current directory.
2. Display the contents of the archive searching for a specific file in the archive.
3. Extract the archive in the current directory.
4. Using tar, create a **compressed archive** of**/etc** using **gzip**in the current directory.
5. Display the contents of the archive searching for a specific file in the archive.
6. Extract the archive in another directory.