# Basic linux commands

### Go to root directory

Cd /

### Go to specific directory

cd <directory name>

### Home directory

‘~’

### Create a file

touch abcd

now abcd file is create

### Create a folder

Mkdir java

A folder called java will be created

1. List out all folders in current directory

Ls

1. Echo <any data> once u execute same data will be printed to the console

echo hi santhoshi

“hi santhoshi”

1. Create a variable Export b= Tata consultancy services
2. Echo that variable Echo b
3. Terminate the running process

Ctrl+c or Ctrl+D

1. Creating a file
2. Create a folder called “java” – mkdir java
3. Moving to that folder –cd java //now the cursor will go into that folder
4. To go 1 folder back 🡪 cd ..
5. To see the path where you are type “pwd”—present working directory

## wsl

1. To open a linux folder type the command –“ [\\wsl$](file:///\\\\wsl$)” like in windows we have “start .”

If u type the above command in windows , it will open a folder where linux is installed

Generally ur workspace is located in [\\wsl.localhost\Ubuntu\home](file:///\\wsl.localhost\Ubuntu\home)

|  |  |
| --- | --- |
| To open a folder of ur current directory in windows | In Ubuntu |
| Start . | explorer.exe .  This says open explorer.exe from current directory (dot means current directory) |

### “pwd” List out the current working directory

Pwd means present working directory

It will tell u the present working directory

1. Chown-Change owner

COPY --chown=node:node ./package.json ./

Copy --chown=user:group

Here left side node is user,right side node is group

1. Create a directory

WORKDIR /home/node/app

Means a directory will be created if doesn’t exist and it will set the ownership to root.

RUN mkdir -p /home/node/app

Mkdir will also create a directory

* 1. RUN mkdir -p /home/node/app
  2. WORKDIR /home/node/app

We are then creating a directory of **/home/node/app** prior to the **WORKDIR** instruction. This will prevent a permissions issue since **WORKDIR** by default will create a directory if it does not exist and set ownership to **root**.

1. Create a directory

RUN mkdir -p /home/node/app

To create a directory that doesn’t exist we need to use –p command because it expects immediate parent to exist