Day 2 : Basic Linux commands

This is **#90DaysofDevops** challenge under the guidance of [ShubhamLondhe](#) sir

Task: What is the linux command to
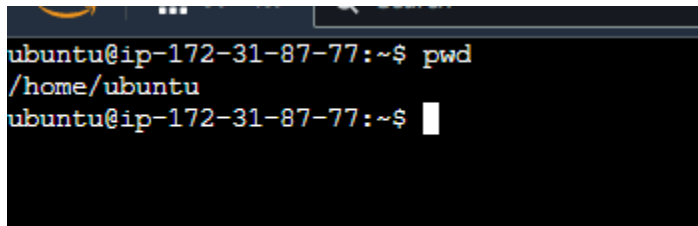
1. Check your present working directory.
2. List all the files or directories including hidden files.
3. Create a nested directory A/B/C/D/E

What is the linux ?

- Linux is a free and open-source operating system (OS) that was created by Linus Torvalds in 1991. It is based on the Unix operating system.
- Linux is known for its stability, security, and flexibility
- There are many different distributions of linux. Some of the most popular distributions includes Ubuntu, CentOs, Feroda, Red Hat, Linux Mint.

1. **Check your present working directory.**
   The "pwd" command stands for "**print working directory**". This command is use to print the full path of current working directory.

2. **List all the files or directories including hidden files**.
   The "ls" command is use to list all the sub directory and files available in present working directory.
   "-a" option is tells the "ls" to list all including hidden files and directory.
   "-l" option is tells the "ls" to list the files and directories in long list format with extra information

```
ubuntu@ip-172-31-87-77:/home$ ls -la
total 16
drwxr-xr-x  4 root            root           4096 Mar 26 03:51 .
drwxr-xr-x 19 root            root           4096 Mar 26 03:39 ..
drwxr-x--- 2 SwapnaliDevOps SwapnaliDevOps 4096 Mar 26 03:51 SwapnaliDevOps
drwxr-x--- 4 ubuntu          ubuntu         4096 Mar 26 03:57 ubuntu
ubuntu@ip-172-31-87-77:/home$ █
```

3. **Create a nested directory A/B/C/D/E**
   The command to create a nested directory is **mkdir** -p A/B/C/D/E.
   The "-p" is used to creates parents' directories

```
ubuntu@ip-172-31-87-77:/home$ ls
SwapnaliDevOps   ubuntu
ubuntu@ip-172-31-87-77:/home$ cd ubuntu/
ubuntu@ip-172-31-87-77:~$ ls
ubuntu@ip-172-31-87-77:~$ mkdir -p A/B/C/D
ubuntu@ip-172-31-87-77:~$ ls
A
ubuntu@ip-172-31-87-77:~$ cd /A
```

Thank you for reading....
-Swapnali.