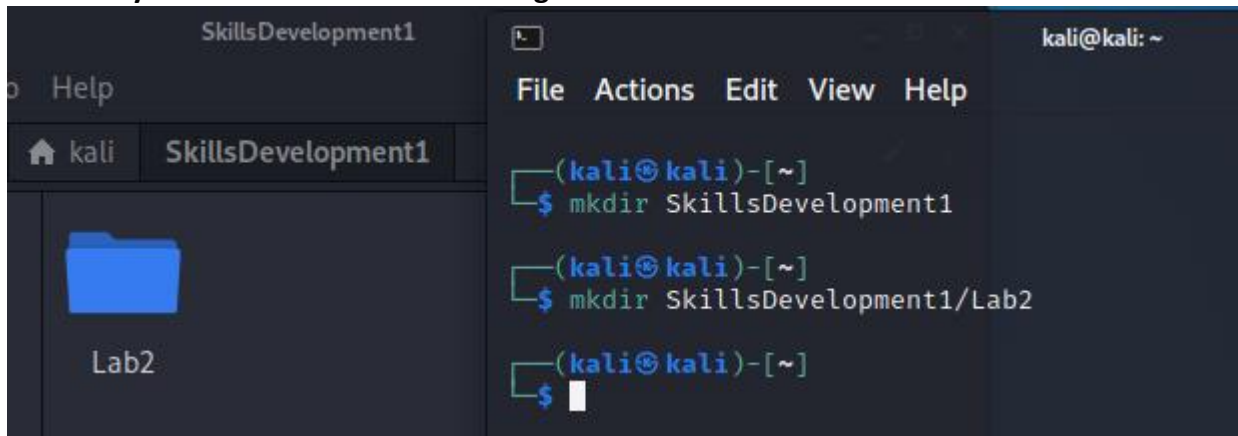# Command line cheat sheet

PDF

Linux_Cheat_Sheet.
pdf

Lab Part 1 – Getting Started with Kali Linux:

Create a directory for this course with the following name: SkillsDevelopment1, then a sub-directory for lab two with the following name: Lab2

3. Now, change directory into the newly created directory.
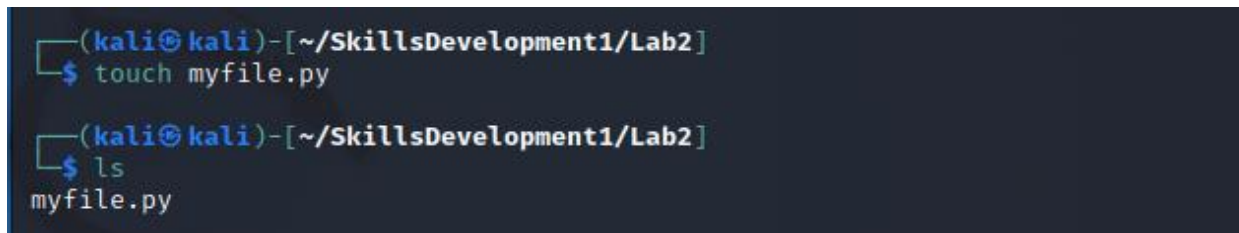
4**. Create a python file with the following name myfile.**

5. To make sure the python file is successfully created, list all the files in the current directory Take a screenshot of the command used to accomplish the task & output

6. Now, rename the python file to HelloWorld.py

```
┌──(kali㉿kali)-[~/SkillsDevelopment1/Lab2]
└─$ mv myfile.py HelloWorld.py

┌──(kali㉿kali)-[~/SkillsDevelopment1/Lab2]
└─$ ls
HelloWorld.py
```

Using nano editor; create an empty python file, Implement a simple python program that given a number x prints a pyramid with same number of levels.

```
┌──(kali㉿kali)-[~/SkillsDevelopment1/Lab2]
└─$ nano HelloWorld.py
```

```
kali@kali: ~/SkillsDevelopment1/Lab2                    _ ▢ ✕

File  Actions  Edit  View  Help

  GNU nano 5.4                    HelloWorld.py

n = int(input("Please Enter a Number: "))
for i in range(1,n+1):
        print("*"*i)
```

8. Run your python code using the command line

```
┌──(kali㉿kali)-[~/SkillsDevelopment1/Lab2]
└─$ python HelloWorld.py
Please Enter a Number: 5
*
* *
* * *
* * * *
* * * * *
```

Lab Part 2 - What is the Command?

1. What is the command used to copy files ?

cp {filepath} {destination path}

2. What is the command used to delete files and directories?

rm {filepath}

3. What is the command used to rename files?

mv {filename} {new_filename}

4. What is the command used to display the contents of a file?

cat {filepath}

5. What is the command used to clear the terminal if it gets filled up with too many commands?

clear

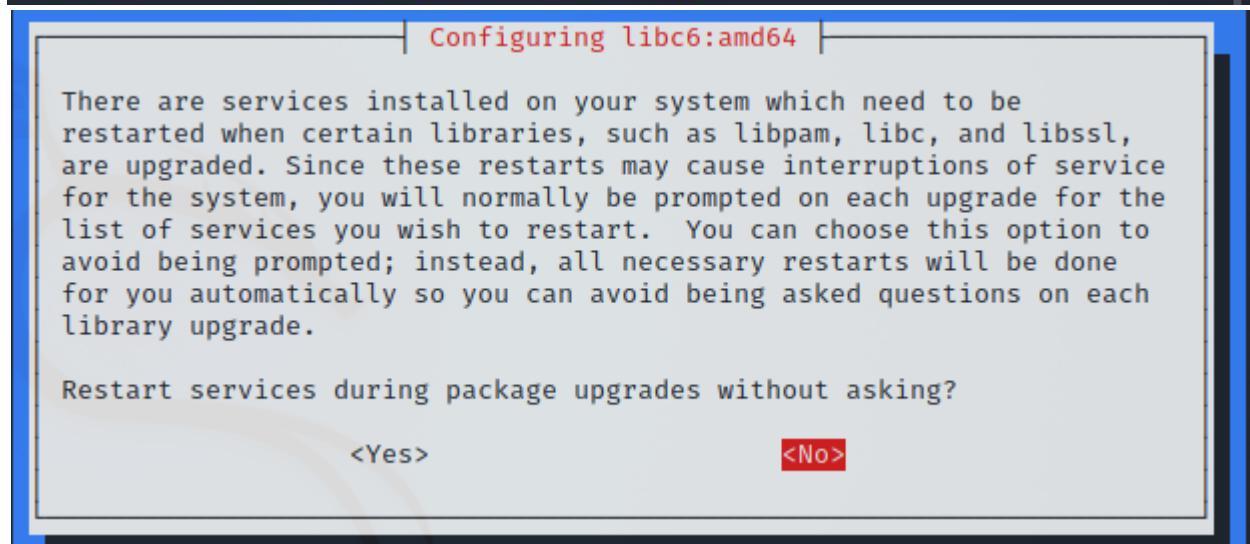# Lab Part 3 – Generate a Gif from still images using the command line:

Installing 'graphicsmagick-imagemagick-compat' package

Creating GIF
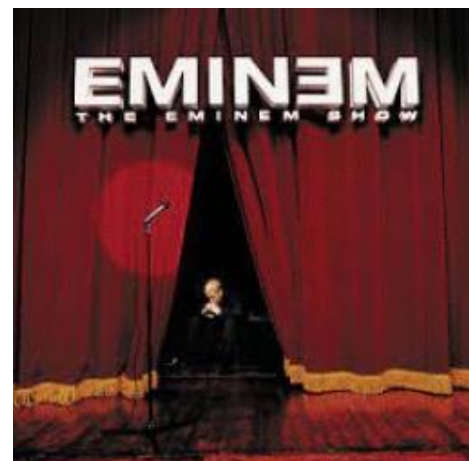
Lab Part 4 – Install fortune:

```
┌──(kali⊗kali)-[~/Desktop/Artist]
└─$ sudo apt-get install fortune
[sudo] password for kali:
Reading package lists ... Done
Building dependency tree ... Done
Reading state information ... Done
Note, selecting 'fortune-mod' instead of 'fortune'
```

Generating a random fortune

```
┌──(kali⊗kali)-[~/Desktop/Artist]
└─$ fortune
Q:      What do you get when you cross a mobster with an international standa
rd?
A:      You get someone who makes you an offer that you can't understand!
```

Lab Part 5 – Install GIMP:

```
┌──(kali⊗kali)-[~/Desktop/Artist]
└─$ sudo apt-get install fortune
[sudo] password for kali:
Reading package lists ... Done
Building dependency tree ... Done
Reading state information ... Done
Note, selecting 'fortune-mod' instead of 'fortune'
The following additional packages will be installed:
  fortunes-min librecode0
```

Running GIMP