**Task 1**

$ cat> key1.txt

Hello ubuntu!

^Z

$ cat >key2.txt

CSE321 Lab

^Z

$ cat> key3.txt

OS

^Z

$ mkdir Box1 Box2

$ cp key1.txt key2.txt Box1

$ mv key3.txt Box2

$ cp -r Box1 Box3

$ cd Box3

$ ls -l

$ chmod u=rx Box1

$ chmod g=rx Box1

$ cd ..

$ pwd

$ ls

$ mv Box3 /

$ rm -r Box1

rm -r Box2

**Task 2**

cat> hello.txt

Hello world

Hello People

Bye

^Z

$ grep -c "Hello" hello.txt

**Task 3**

Soft link makes a link with original file. On the other hand, hard link contains all the content of the source file.

**Task 4**

$ cat > firstone.txt

This a text file

^Z

$ ln firstone.txt second.txt

**Task 5**

ls -a

**Task 6**

$ cat> a.txt

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^Z

$ sed -n -e 15,21p a.txt