

step 1

```
mohamed@kali:~$ sudo adduser mohamed
info: Adding user 'mohamed' ...
info: Selecting UID/ID: From range 1000 to 50000 ...
info: Adding new group 'mohamed' [1001] ...
info: Adding new user 'mohamed' [1001] with group 'mohamed' [1001] ...
info: Creating home directory '/home/mohamed' ...
info: Copying files from '/etc/skel' ...
New password:
Help: new password:
passwd: passwords do not match.
passwd: authentication token manipulation error
passwd: password unchanged
Try again? [y/N] y
New password:
Help: new password:
passwd: password updated successfully
Changing the user information for mohamed
Enter the new value, or press ENTER for the default
Full Name []:
Room Number []:
Home Phone []:
Work Phone []:
Is the information correct? [y/n] y
info: Adding new user 'mohamed' to supplemental / extra groups 'users' ...
info: Adding user 'mohamed' to group 'users' ...
```

step 2

```
mohamed@kali:~$ su - kali
Password:
mohamed@kali:~$ sudo adduser mohamed sudo
[sudo] password for kali:
info: Adding user 'mohamed' to group 'sudo' ...
mohamed@kali:~$
```

Task 1

step 3

```
mohamed@kali:~$ su - kali
Password:
mohamed@kali:~$ sudo adduser mohamed sudo
[sudo] password for kali:
info: Adding user 'mohamed' to group 'sudo' ...
mohamed@kali:~$ su - mohamed
Password:
mohamed@kali:~$ sudo apt upgrade
[sudo] password for mohamed:
```

step 4

```
mohamed@kali:~$ sudo apt upgrade
[sudo] password for mohamed:
mohamed@kali:~$
```

step 5

```
mohamed@kali:~$ su - root
Password:
root@kali:~# sudo visudo
```

step 6

```
#Defaults:ksudo env_keep += "GPG_AGENT_INFO"
# Host alias specification
# User alias specification
# Cmnd alias specification
# User privilege specification
root    ALL=(ALL:ALL) ALL
ali     ALL=(ALL:ALL) ALL
mohamed ALL=(ALL:ALL) ALL
# Allow members of group sudo to execute any command
%sudo   ALL=(ALL:ALL) ALL

# See sudoers(5) for more information on "include" directives

@include /etc/sudoers.d
```

step 7

```
mohamed@kali:~$ su - root
Password:
root@kali:~# sudo visudo
root@kali:~# su - mohamed
mohamed@kali:~$ sudo visudo
[sudo] password for mohamed:
```

step 8

```
GNU nano 2.9.3 /etc/sudoers.d

# Host alias specification
# User alias specification
# Cmnd alias specification
# User privilege specification
root    ALL=(ALL:ALL) ALL
ali     ALL=(ALL:ALL) ALL
mohamed ALL=(ALL:ALL) ALL
# Allow members of group sudo to execute any command
%sudo   ALL=(ALL:ALL) ALL

# See sudoers(5) for more information on "include" directives

@include /etc/sudoers.d
```