

Question1

```
ubuntu@ubuntu: ~  
ubuntu@ubuntu:~$ sudo groupadd admin  
ubuntu@ubuntu:~$ sudo useradd -m -G admin -s /bin/bash harry  
ubuntu@ubuntu:~$ sudo useradd -m -G admin -s /bin/bash natasha  
ubuntu@ubuntu:~$ sudo useradd -m -s/sbin/nologin sarah  
ubuntu@ubuntu:~$ sudo useradd -m -u 1234 -s /bin/bash mac  
ubuntu@ubuntu:~$ sudo passwd harry  
New password:  
Retype new password:  
passwd: password updated successfully  
ubuntu@ubuntu:~$ sudo passwd natasha  
New password:  
Retype new password:  
passwd: password updated successfully  
ubuntu@ubuntu:~$ sudo passwd sarah  
New password:  
Retype new password:  
Sorry, passwords do not match.  
New password:  
Retype new password:  
Sorry, passwords do not match.  
New password:  
Retype new password:  
passwd: password updated successfully  
ubuntu@ubuntu:~$
```

Question-2

```
ubuntu@ubuntu: ~  
ubuntu@ubuntu:~$ sudo mkdir -p /common/admin  
ubuntu@ubuntu:~$ sudo adduser admin1  
info: Adding user `admin1' ...  
info: Selecting UID/GID from range 1000 to 59999 ...  
info: Adding new group `admin1' (1011) ...  
info: Adding new user `admin1' (1011) with group `admin1 (1011)' ...  
warn: The home directory `/home/admin1' already exists. Not touching this directory.  
New password:  
BAD PASSWORD: The password is shorter than 8 characters  
Retype new password:  
passwd: password updated successfully  
Changing the user information for admin1  
Enter the new value, or press ENTER for the default  
  Full Name []:  
  Room Number []:  
  Work Phone []:  
  Home Phone []:  
  Other []:  
Is the information correct? [Y/n]  
info: Adding new user `admin1' to supplemental / extra groups `users' ...  
info: Adding user `admin1' to group `users' ...  
ubuntu@ubuntu:~$ sudo chown admin1 /common/admin  
ubuntu@ubuntu:~$ sudo chmod 770 /common/admin  
ubuntu@ubuntu:~$
```

Question - 3

```
ubuntu@ubuntu: ~  
ubuntu@ubuntu:~$ touch Schedule.txt  
ubuntu@ubuntu:~$ sudo chmod 664 Schedule.txt  
ubuntu@ubuntu:~$ ls -l Schedule.txt  
-rw-rw-r-- 1 ubuntu ubuntu 0 Sep  6 22:23 Schedule.txt  
ubuntu@ubuntu:~$
```

Question-4

```
ubuntu@ubuntu: ~  
ubuntu@ubuntu:~$ mkdir dir  
ubuntu@ubuntu:~$ cd dir  
ubuntu@ubuntu:~/dir$ touch {1..10000}  
ubuntu@ubuntu:~/dir$ cd  
ubuntu@ubuntu:~$ chmod 754 dir
```