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LAB 1: Linux

Q1 & Q2:

```
[kerolosyoussef@localhost ~]$ sudo useradd islam -c 'Islam Askar' -p islam  
[kerolosyoussef@localhost ~]$ sudo useradd baduser -c 'BadUser' -p baduser
```

Q3:

```
[kerolosyoussef@localhost ~]$ sudo groupadd pgroup -g 30000
```

```
[kerolosyoussef@localhost ~]$ more /etc/group
```

```
kerolosyoussef:x:1000:  
islam:x:1002:  
baduser:x:1003:  
pgroup:x:30000:
```

Q4:

```
[kerolosyoussef@localhost ~]$ sudo groupadd badgroup
```

```
kerolosyoussef:x:1000:  
islam:x:1002:  
baduser:x:1003:  
pgroup:x:30000:  
badgroup:x:30001:
```

Q5:

```
[kerolosyoussef@localhost ~]$ sudo usermod -aG pgroup islam
```

```
kerolosyoussef:x:1000:  
islam:x:1002:  
baduser:x:1003:  
pgroup:x:30000:islam  
badgroup:x:30001:
```

Q6:

```
[kerolosyoussef@localhost ~]$ sudo passwd islam  
Changing password for user islam.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word  
Retype new password:  
passwd: all authentication tokens updated successfully.
```

Q7:

```
[kerolosyoussef@localhost ~]$ sudo chage -E 28 9 2023 islam
```

```
[kerolosyoussef@localhost ~]$ sudo chage -l islam  
Last password change           : Aug 28, 2023  
Password expires                : Sep 27, 2023  
Password inactive              : never  
Account expires                : never  
Minimum number of days between password change : 0  
Maximum number of days between password change : 30  
Number of days of warning before password expires : 7
```

Q8:

```
[kerolosyoussef@localhost ~]$ sudo usermod -L baduser
```

```
[kerolosyoussef@localhost ~]$ sudo passwd baduser -l  
Locking password for user baduser.
```

Q9:

```
[kerolosyoussef@localhost ~]$ sudo userdel -r baduser
```

Q10:

```
[kerolosyoussef@localhost ~]$ sudo groupdel badgroup
```

```
kerolosyoussef:x:1000:  
islam:x:1002:  
pgroup:x:30000:islam  
[kerolosyoussef@localhost ~]$
```