**Permissions (Octets)**

4 = read

2 = write

1 = execute

For permissions,the values are summed. So for example

* 7 = read + write + execute
* 6 = read + write
* 5 = read + execute

**Umask command**

When creating files sets a default permission set for the terminal session

The values of umask are subtracted from the octet

* So 022 would be 7 for the user, 5 for the group, and 5 for others