Stars are classified by:

Spectral Class (color , temperature, spectral lines)

- O,B,A,F,G,K,M

-O:Blue, B:Blue/white, A:white, F:yellow/white, G:yellow, K:orange, M:red

Temperature (range within class)

-0, 1,2,3,4,5,6,7,8,9

-0=hottest, 9=coolest

Magnitude (brightness and size)

-**0, I, II, III, IV, V, VI, VII**

-0 –hypergiants, I –supergiants (Ia and Ib), II-bright giants, III –normal giants, IV- subgiants, V- main sequence (dwarf), VI- subdwarf, VII-white dwarf