Tutorial: try to calculate…

- The present number density of massive/massless neutrinos n_ν^0 in cm^{-3}
- The present energy density Ω_ν^0 of massive/massless neutrinos. Find the limits on the total neutrino mass from $\Omega_\nu^0<1$ and $\Omega_\nu^0 < \Omega_m^0$
- The photon temperature / redshift of the matter-radiation equality for massless neutrinos and $m_\nu = 1$ eV ($\Omega_m^0=0.3$ and $\Omega_\Lambda^0=0.7$) for all 3 neutrino states