Exercise

Write a program (any program language) to show the
a) idealized variation of annual-average temperature with
latitude at sea level. Also overly this plot with that variation of
annual-average temperature at a level of z=8 km
b) meridional temperature gradient with latitude at z=0 and
z=8 km.

You are expected to :
1) show the plot with T vs latitude and T gradient vs latitude
2) interpret your graphs
3) show your program and input dataset created

Points distribution: 20 + 15 + 15 = 50 points