```
#!/bin/bash
gnuplot << EOF
#---Reseting the Gnuplot for new plotings
reset
# wxt
set terminal postscript size portrait 1020,780 enhanced color
set output '2DatavisGP.ps'

#----------Ploting the background Image--------------------------------#
#unset key; unset tics; unset border
#set size ratio -1
#set lmargin screen 0
#set bmargin screen 0
#set rmargin screen 1
#set tmargin screen 1
#plot 'global_warming_by_teabing.jpg' binary filetype=jpg with rgbimage
#----------------------------------------------------------------------#
#--------Graph design-----------------------------------------------#

#------ color definitions
set border linewidth 1.5
set style line 1 lc rgb '#0060ad' lt 1 lw 1.5 # --- blue
set style line 2 lc rgb '#dd181f' lt 1 lw 2 pt 7 # --- red
set style line 3 lc rgb '#09ad00' lt 1 lw 1.5 # --- green
set style line 11 lc rgb '#ffffff' lt 1

#-----Grid
set style line 12 lc rgb '#ddccdd' lt 1 lw 1.5 # --- red
set style line 13 lc rgb '#ddccdd' lt 1 lw 0.5
set style line 14 lc rgb '#ccdddd' lt 1 lw 1.5 # --- green
set style line 15 lc rgb '#ccdddd' lt 1 lw 0.5
set style line 16 lc rgb '#ddddcc' lt 1 lw 1.5 # --- yellow
set style line 17 lc rgb '#ddddcc' lt 1 lw 0.5
set grid xtics mxtics ytics mytics back ls 12 ls 13

set size ratio -1

#----setuping up the x axis so there's a tic every 5 years ------------#
set xdata time
set timefmt "%Y"
set format x "%Y"
set xrange ['1980':'2011']
set mxtics 5
set xtics "1980",157800000,"2011"
set autoscale y
set grid

#set bmargin 0; set tmargin 0; set lmargin 0; set rmargin 0
set multiplot layout 2,2 title "Global Warming is Real NO KIDDING"
```

```
#------------------Plotting Starts here with combined graph------------#
set title "Global Temperature, See Ice, CO2 Trend"
set xlabel "Year: 1980-2011"
plot "dvlab5.csv" using 1:2 title "CO2" with linespoints ls 1,\
"dvlab5.csv" using 1:3 title "GTemp." with linespoints ls 2,\
"dvlab5.csv" using 1:4 title "GIce-Sep" with linespoints ls 3

set yrange [14:16]
set ytic
#set mxtics 2
set title "Global Temperatur"
plot "dvlab5.csv" using 1:3 title "Global Temp." with lines ls 1

#---------CO2 individual plot---------------------------------------
set yrange [300:400]
set ytic 10
set mxtics 5
set title "Global CO2 Consumption"
plot "dvlab5.csv" using 1:5 title "CO2" with lines 3

#----------------
set yrange [0:10]
set mxtics 5
set ytic 2
set title "Arctik See Ice trend"
plot "dvlab5.csv" using 1:4 title "G-Ice_sep" with lines ls 2
#############-------End of Ploting-----###################################
EOF

#############################################################################################
ps2pdf 2DatavisGP.ps
evince 2DatavisGP.pdf

#pause -1 "Hit any key to continue"

############---------End of File---------------#############################
```