

```
plot sin(x)
set xlabel "X axis"
set ylabel "Y axis"
replot
set title "Sin(x) vs X curve"
replot
set xrange[-pi:pi]
replot
set yrange[-1:1]
replot
plot [-4*pi:4*pi][-1:1] cos(x) w lp lw 3 lc 4 ps 3
plot [-4*pi:4*pi][-1:1] cos(x) w p ps 3 pt 4
```

```
w=0.2
f(x)=w*sin(w*x)
plot f(x)
```

```
ramp(x) = (x > 0) ? x : 0
plot ramp(x)
ramp(x) = (x > 0) ? x : 3
replot
ramp(x) = (x > 0) ? 3*x : 3
replot
ramp(x) = (x > 1) ? 3*x : 3
replot
```

```
plot "temp.data" w lp lw 4 lc 9 ps 4 pt 6
```