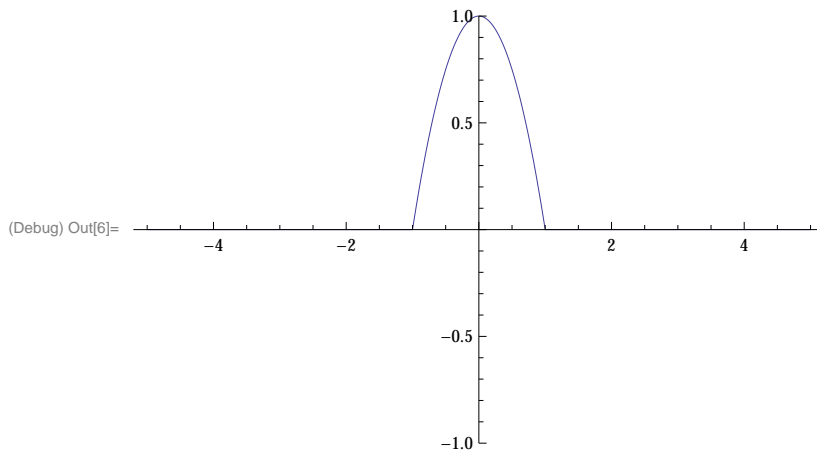


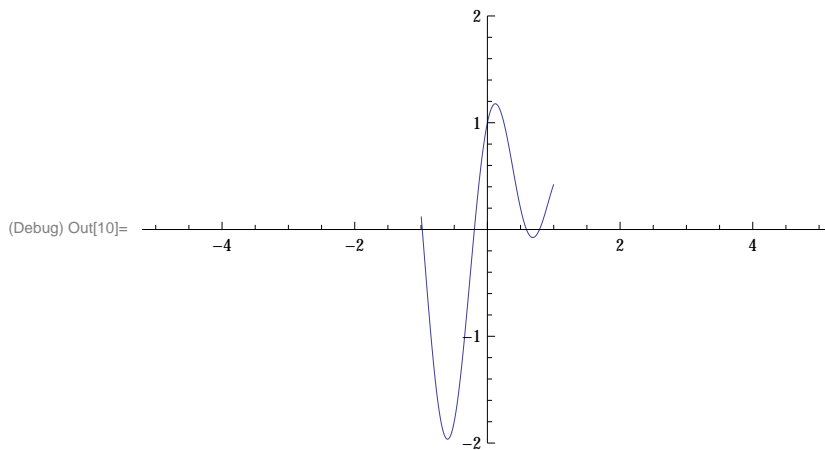
(Debug) In[5]:= **f[x_] = Piecewise[{{1 - x^2, -1 < x < 1}}, 0]**
Plot[f[x], {x, -5, 5}, PlotRange -> {-1, 1}]

(Debug) Out[5]=
$$\begin{cases} 1 - x^2 & -1 < x < 1 \\ 0 & \text{True} \end{cases}$$



(Debug) In[9]:= **g[x_] = Piecewise[{{Sin[3 * x] + Cos[5 * x], -1 < x < 1}}, 0]**
Plot[g[x], {x, -5, 5}, PlotRange -> {-2, 2}]

(Debug) Out[9]=
$$\begin{cases} \sin(3x) + \cos(5x) & -1 < x < 1 \\ 0 & \text{True} \end{cases}$$



(Debug) In[17]:= `Manipulate[Plot[f[x - c * t] + g[x + c * t], {x, -5, 5}, PlotRange -> {-2, 2}], {t, -2, 2}, {c, 1, 5}]`

(Debug) Out[17]=

