## Assisgnment #2, Problem #5, Maple portion

First I define the periodic function f(x), and its Fourier series.



I define the error function at the origin and plot it for increasing values of *nmax*. Since the error function is only defined for integer values of *nmax*, I need to make a listplot.

> 
$$Ef := nmax \rightarrow evalf(abs(Ff(0, nmax) - f(0)));$$

