

```
1  % the saw wave function with period 2pi
2  function y = saw(x)
3      % scale to period of 2pi
4      period = 2*pi;
5      range = [-1,1];
6      a = range(1); b = range(2);
7      y = (b-a)*mod(mod(x - period/2,period)/(period), 1) - 1;
8
9
10
11
```