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function [obj,dev1] = voltSett(boardType, BdInd, InstInd, NPLC)
    obj = gpib(boardType, BdInd, InstInd); % utilization of a GPIB object
%Connect to the instrument -- Connect obj to the instrument
    fopen(obj)
% Write and read data -- Configure the instrument
    fprintf(obj, 'DISPLAY:TEXT "INITIALIZE"') % displaying of some text on instrument
    pause(2)
    fprintf(obj, '*RST') % reset of an instrument
    fprintf(obj, '*IDN?') % Identification of the device

    dev1=fscanf(obj); % reading of the identification to variable "dev1"

    fprintf(obj, '*CLS')
    fprintf(obj, '*ESE 1')
    fprintf(obj, '*SRE 32')
    fprintf(obj, '*PSC 1')
    fprintf(obj, 'DATA:FEED RDG_STORE, "CALC"')
    fprintf(obj, 'TRIG:COUN 1')
    fprintf(obj, 'SAMP:COUN 1')
    fprintf(obj, 'ZERO:AUTO OFF')
    fprintf(obj, 'CONF:RES')

    set(obj, 'Timeout', 1)

    str= sprintf('SENSE:RES:NPLC %d', NPLC); % set powerline cycles
    fprintf(obj, str)
    fprintf(obj, 'RES:RANG:AUTO ON')
    fprintf(obj, 'TRIG:SOUR BUS') % setting of trigger source and delay
    fprintf(obj, 'TRIG:DEL 0')

```