```
% Importing the COMSOL classes
import com.comsol.model.*
import com.comsol.model.util.*

% Open COMSOL mph file
model = mphopen('FEM_file_with_one_time_step');
ht = model.physics('ht');

% Compute FEM
model.study('std1').run;

% Get the whole temperature distribution
[x0, y0, T, tt] = mphinterp(model, {'x',…
   'y', 'T', 't'}, 'coord', coord, 't', t);

% Set tf to t0
time = mphglobal(model,'t','solnum','end');
model.param.set('t0', time);

% Set T(tf) to T(t0)
ht.feature('init1').set('T', 'T');
v1 = model.sol('sol1').feature('v1');
v1.set('initsol', 'sol1');

% Set q(tf) to q
model.param.set('laserpower', q);
```