

```

0001 // This is the main top level schematic
0002 function [sim, outlist]=schematic_fn(sim, inlist)
0003     u1 = inlist(1); // Simulation input #1
0004     u2 = inlist(2); // Simulation input #2
0005
0006     // sum up two inputs
0007     [sim,out] = ld_add(sim, defaultevents, list(u1, u2), [1, 1] );
0008
0009     // save result to file
0010     [sim, save0] = ld_dump_to_iofile(sim, defaultevents, ...
0011         "result.dat", out);
0012
0013     // output of schematic
0014     outlist = list(out); // Simulation output #1
0015 endfunction

```

