Exercise 3
Stove Diagnostics

Follow four paths of questions in the stove diagnostic routine and create a graph similar to the one shown below. Use (watch facts) commands to see how the facts change.

For this exercise, start with the gas stove:

```
do you have a
  1) electric stove
  2) gas stove
  3) or exit the program
Choose 1 - 3 -> 2
```

```
init
-> begin
    1 -> 1500   ck-power: f-3
      y -> -500   burner-prob: f-3
             y -> 0     element-type: f-3,f-5
                    1 -> 0      any-elect-working: f-3,f-5
                           y -> 0      element-trade: f-7
                                  y -> 0      bad-element: f-8
                                  |        -> 9200   end1: f-9
                                  |              -> 9980   init: f-0
                                  n -> -10    ck-element2: f-5,f-6
                                       y -> 0      black-coating: f-9
                                       |     -> 0      ck-terminal-block: f-10
                                       |         y -> 0 burned-contacts: f-11
                                       |              ->  9200   end1: f-12
                                       n -> -10    blue-tinge: f-5,f-6
                                          y -> 0      blue-tinge-exists: f-10
                                             -> 0      ck-terminal-block: f-11
                                                y -> 0      burned-contacts: f-12
                                                   -> 9200   end1: f-13
```