```
big =1E32
     big =1832
fmt =string.format
lt =function(x)
return function(a,b) return a[x] < b[x] end end
map =function(t,f, u) u=(); for k,v in pairs(t) do u[1+#u]=f(v) end; return u end
push=function(t,x)
t[1+t]=x; return x end
t[1+t]=x; return t end</pre>
     function cli(d)
for slot,x in pairs(d) do
    x = tostring(x)
  for n,flag in ipairs(arg) do
    if flag=="-".slot or flag=="-".slot:sub(1,1) then
        x = x==*false" and*tnue" or x==*tnue* and*false* or arg[n+1] end end
  return d end
     function copy(t, u)
if type(t) ~= "mble" then return t end
u={};for k,v in pairs(t) do u[copy(k)]=copy(v) end
return setmetatable(u,getmetatable(t)) end
      function csv(csvfile)
        csvfile = io.input(csvfile)
return function(line, row)
            line=io.read()
if not line then io.close(csvfile) else
row={}; for x in line:gmatch("([/.]+)") do push(row,string2thing(x)) end
return row end end end
      function oo(t) print(o(t)) end
      function o(t, u)
  if #t>0 then return "{"..table.concat(map(t,tostring),"").."}" else
             u={); for k,v in pairs(t) do u[1+#u] = fmt(":%%%",k,v) end return (t.is or "").."{"..table.concat(sort(u),"").."}" end end
     function splice(t,i,j,k, u)

u=\{\}; for n=(i or 1), (j or \#t), (k or 1) do u[1+\#u] = t[n] end return u end
     unction is(name, t,new)
function new(k1,...) local x=setmetatable({},k1); k1.new(x,...); return x end
t = {_tostring=o, is=name or ""); t.__index=t
return setmetatable(t, {_call=new}) end
      function is (name.
      local NUM, SYM, EGS = is"NUM", is"SYM", is"EGS"
     function SYM.new(i,at,name)
  i.n,i.txt,i.at,i.all = 0,txt or "",at or 0,{} end
      function SYM.add(i,x)
   if x-="?" then i.n = i.n+1; i.all[x]= 1+(i.all[x] or 0) end end
     function NUM.new(i,at,txt)
i.n,i.mu,i.txt,i.at = 0,0,txt or "",at or 0
i.w,i.lo,i.hi = i.txt:find"-5" and -1 or 1,big,-big end
      function NUM.add(i,x, d)
       function NUM.add(i,x, d)
if x==""" then
i.n = i.n+1
d = i.mu - x
i.mu = i.mu+d/i.n
i.lo = math.min(x, i.lo)
i.hi = math.max(x, i.hi) end end
     function NUM.norm(i,x)
  return x~="?" and (i.hi-i.lo<1E-9 and 0 or (x-i.lo)/(i.hi-i.lo)) end</pre>
      function EGS.new(i,names)
  i.rows, i.names, i.all, i.y = {}, names, {}, {}
         fires, findings, fiall, fly = (f, findings, (f, f) for at,txt in pairs (names) do local col = push(i.all, (txt:finding-[A-Z]* and NUM or SYM)(at,txt)) if txt:finding-[b-]* then push(i.y, col) end end end
      function EGS.add(i. row)
        push(i.rows,row)
for _,col in pairs(i.all) do col:add(row[col.at]) end end
      function EGS.order(i)
         return i end
     function egs(f, i)
  for row in csv(f or the.file) do
        if i then i:add(row) else i=EGS(row) end end
return i:order() end
108 the = cli(the)
109 local x=eqs()
for i=1,5 do oo(x.rows[i]) end; print"
in for i=kx.rows-5,kx.rows do oo(x.rows[i]) end
iv for ky in pairs(ENV) do if not b4[k] then print("?",k,type(v)) end end
```