Conman: input phase

```
open files                          main

set up timing                       timer('begin')
initial values

read(itin)                          input
global
quantities

read(itin)                          input
time
sequence data

read(itin)                          input
output
information

read(igeom) &                       input & genfl
generate
coordinates

read(itin) &                        input & genbc
generate
b.c. flags
```

```
read(igeom) &                       input & genbc
generate
b.c. values

read(irstin) &                      input & intemp
generate
initial values

more element groups?  ── NO ──▶  go to solution phase

         │ YES

read(itin)                          input
element group
data

read(itin)                          genmat
material
properties

read(igeom) &                       genlen
generate
len & lm arrays

shuffle                             genblk
len & lm arrays

generate                            genshp & genshg
shape functions

generate                            tmass
temperature
mass matrix
```