

Typical PATRAN type input file

This illustrates the format of a “PATRAN type” input file.

```

! Number of Nodes, Number of Elements, Number of Materials
    13      2      1
! Node number,      coordinates x_2      and      x_3
    1      -0.500000      -1.000000
    2      0.500000      -1.000000
    3      0.000000      -1.000000
    4      0.500000      1.000000
    5      0.500000      -0.500000
    6      0.500000      0.000000
    7      0.500000      0.500000
    8      -0.500000      1.000000
    9      0.000000      1.000000
   10      -0.500000      0.500000
   11      -0.500000      0.000000
   12      -0.500000      -0.500000
   13      0.000000      0.000000
! Element number,      connectivity
    1      1      2      6      11      3      5      13      12      0
    2      11      6      4      8      13      7      9      10      0
! Element number,      Layups orientation
    1      1 0 0.0 540.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
    2      1 0 0.0 540.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

```