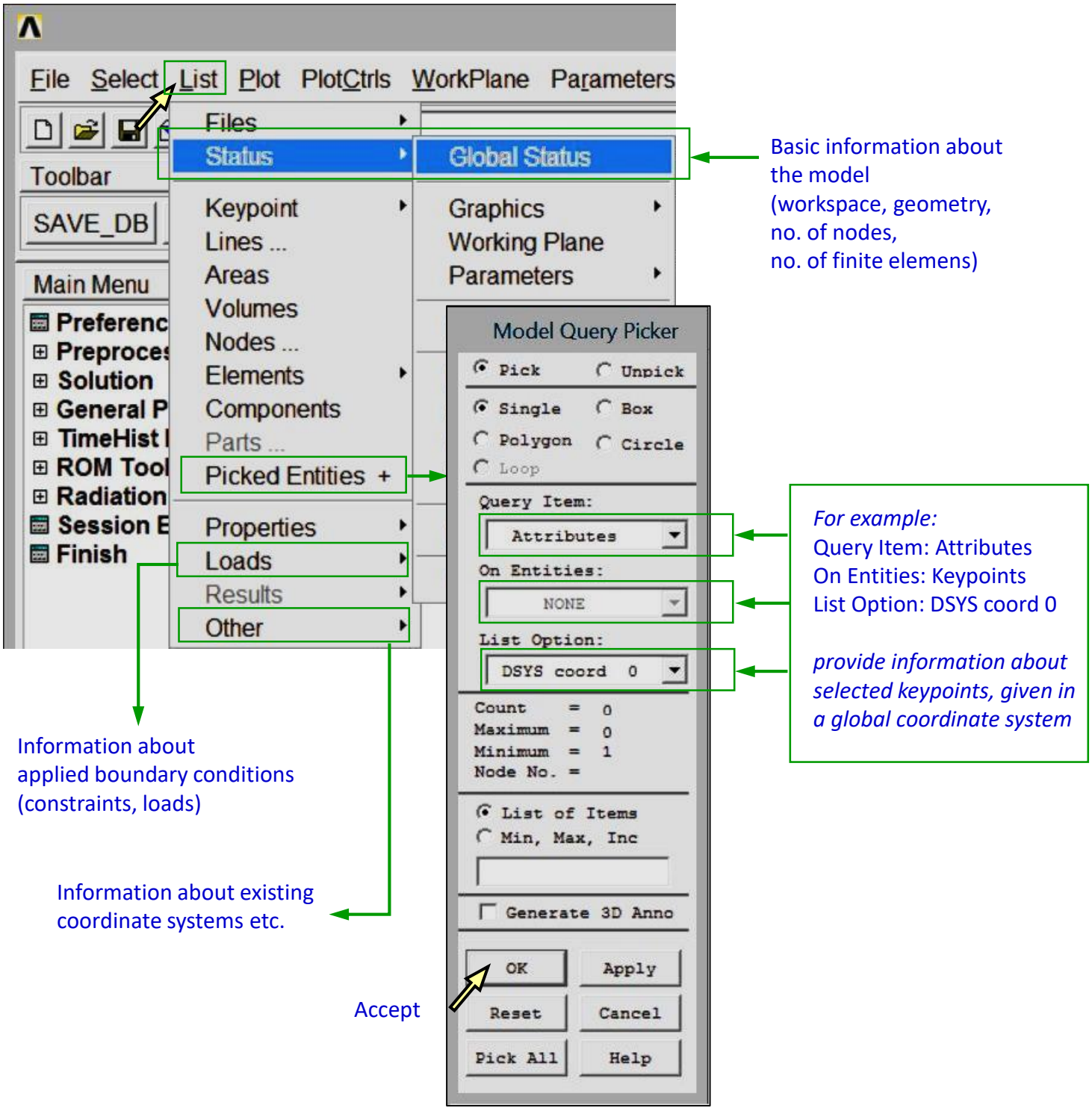
# List




*Comment*

*All information from the List menu may be saved as a text file.*

**Clear and start a new database**

Utility Menu > File > Clear & Start New > Do not Read File > OK > CLEAR … EXECUTED? > Yes

**Create a block**

Main Menu > Preprocessor > Modeling > Create >
Volumes > Block > By Dimensions
X1, X2 → 0, 100
Y1, Y2 → 0, 50
Z1, Z2 → 0, 150 → OK
Set an isometric view (Fig. 1).

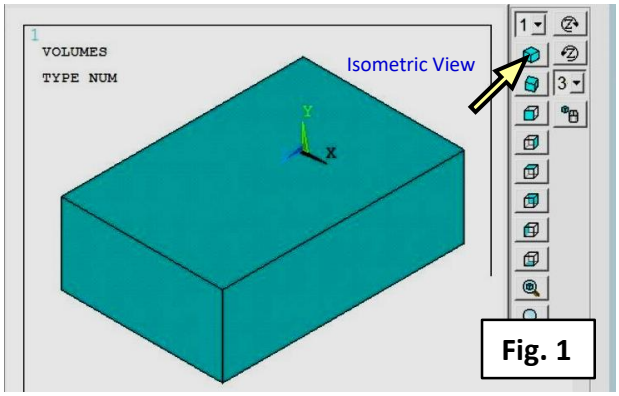


Fig. 1

**Unselect one area**

Utility Menu > Select > Entities…>
Areas > By Num/Pick > Unselect → OK
Pick the area shown in Fig. 2 → OK
Type APLOT in a Command Prompt, ↵ (Fig. 2, 3)

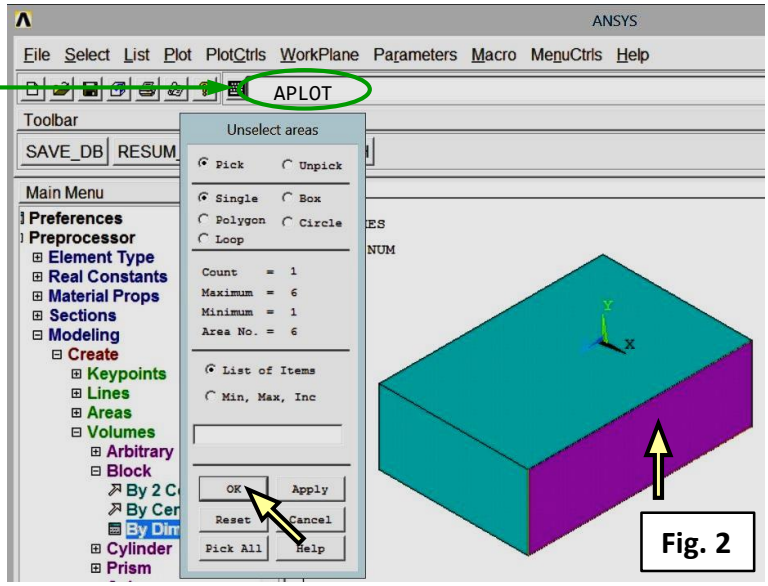


Fig. 2

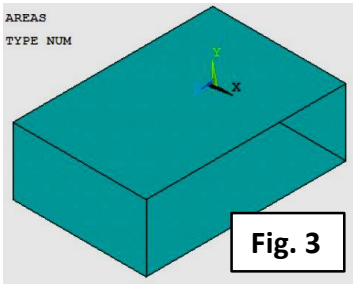


Fig. 3

**Delete the block and 5 areas**

Main Menu > Preprocessor > Modeling >
Delete > Volumes Only
Pick the block → OK (Fig. 4)
Main Menu > Preprocessor > Modeling >
Delete > Areas and Below > Pick All (Fig. 5)

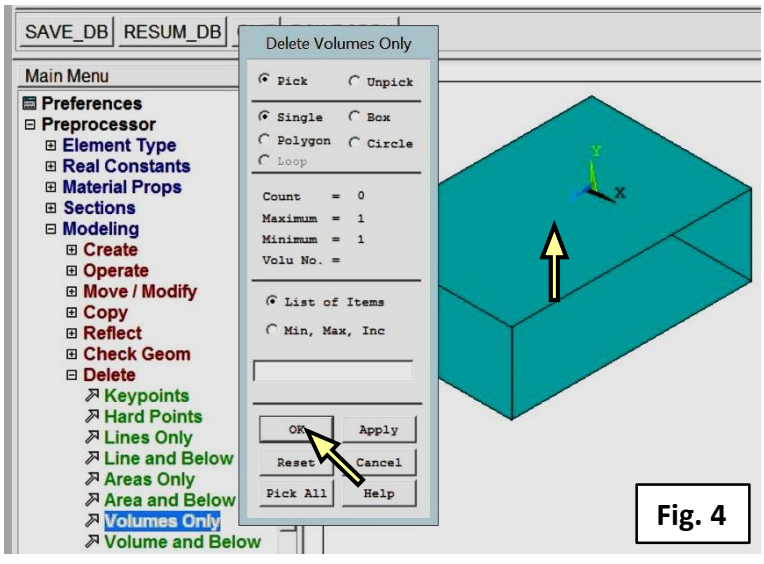


Fig. 4

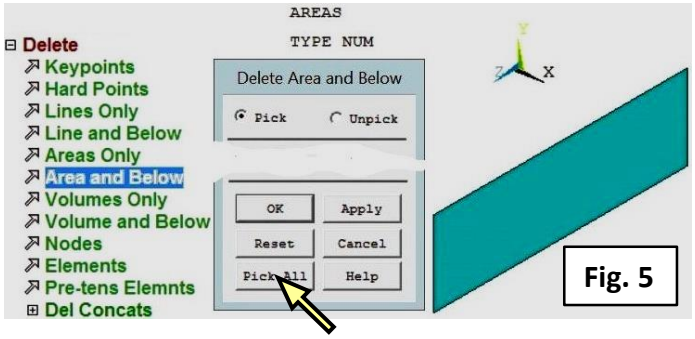
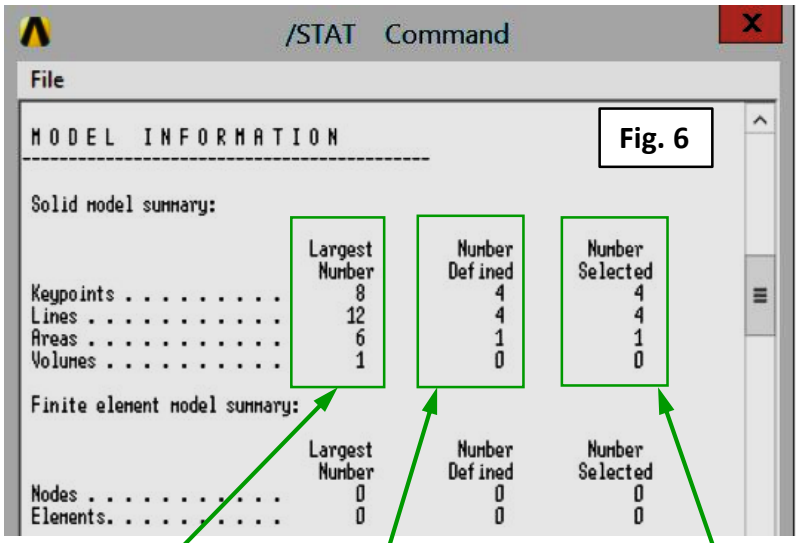


Fig. 5

Utility Menu > Select > Everything
Type APLOT in a Command Prompt, ↵ (Fig. 5)

**Check status**

Utility Menu > List > Status > Global Status (Fig. 6)



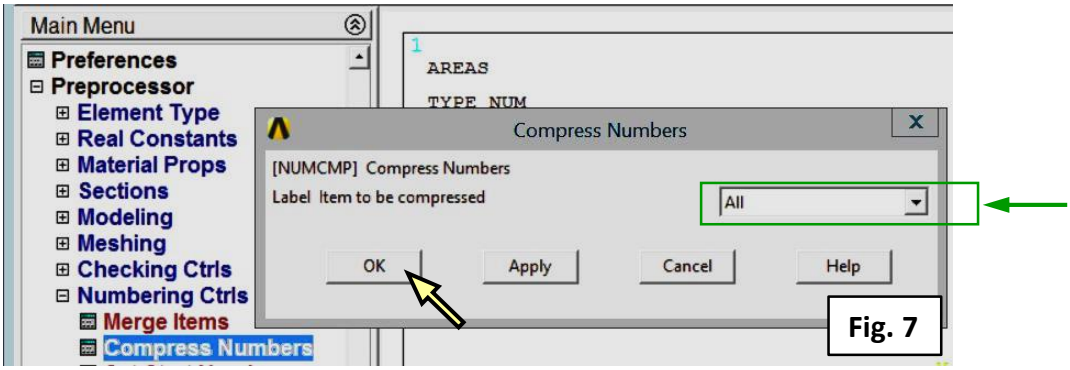

deleted block consisted of 1 volume, 6 areas, 12 edges and 8 corner points

remaining area has 4 edges and 4 corner points

the entire model is selected (Select > Everything was used), so Number Defined = Number Selected

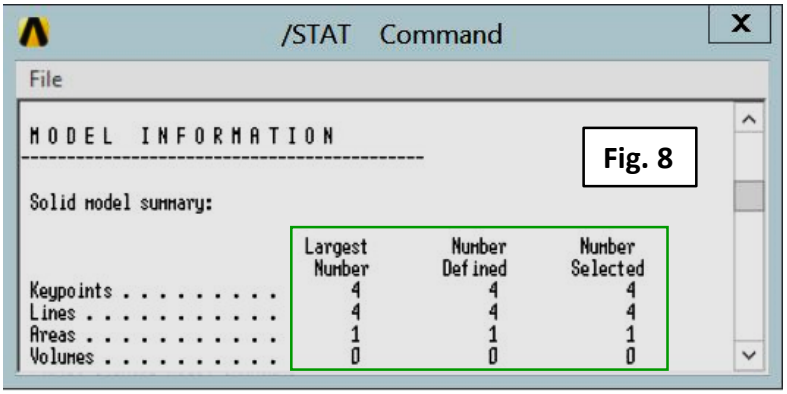
**Compress numbers**

Main Menu > Preprocessor > Numbering Ctrls > Compress Numbers > All → OK (Fig. 7)




**Check the status after compression of numbers**

Utility Menu > List > Status > Global Status
(compare numbers shown in Fig. 6 and Fig. 8)




*Comment*

*Everything in ANSYS Mechanical ADPL has a number. Numbers may change after compression or the use of Boolean operations (Main Menu > Preprocessor> Operate > Booleans … Add, Intersect, Glue, Overlap etc.)*