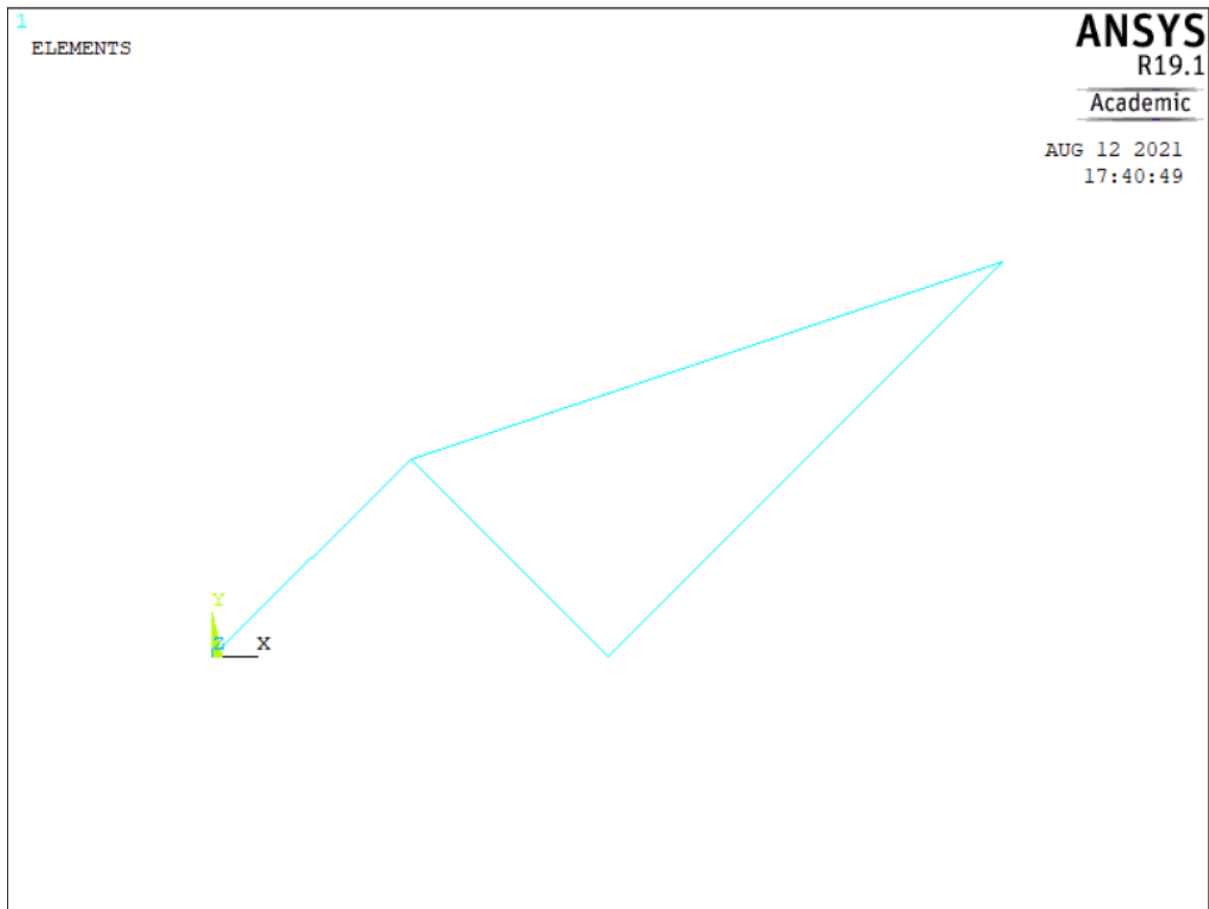


# 1901ME39

## MANOJ KUMAR MADUGULA

AFTER MESHING



ELIST COMMAND

ELIST Command

File

LIST ALL SELECTED ELEMENTS. <LIST NODES>

ELEM	MAT	TYP	REL	ESY	SEC	NODES	
1	1	1	1	0	1	1	2
2	1	1	1	0	1	3	2
3	1	1	1	0	1	2	4
4	1	1	1	0	1	4	3

# 1901ME39

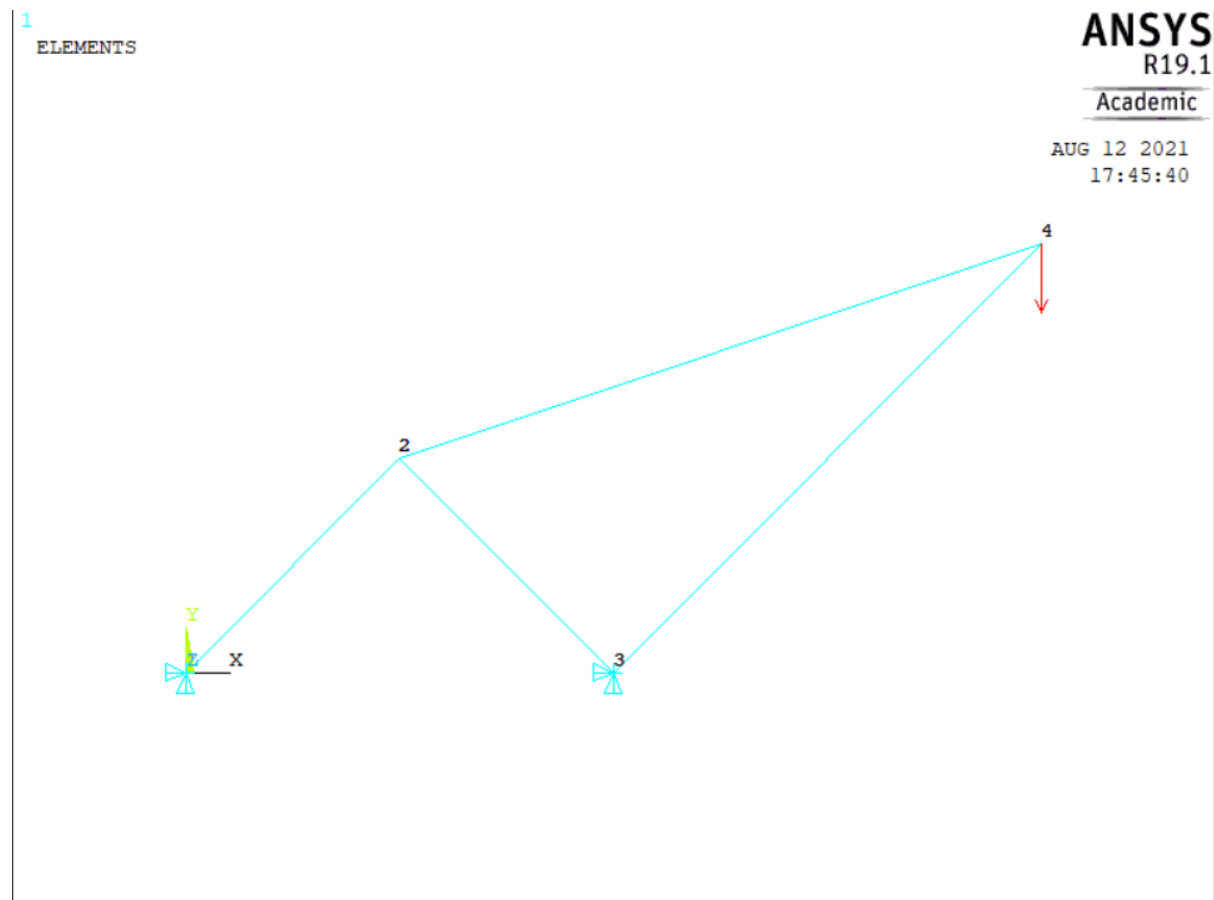
## MANOJ KUMAR MADUGULA

### LIST COMMAND

File

LIST ALL SELECTED NODES. DSYS= 0						
NODE	X	Y	Z	THXY	THYZ	THZX
1	0.0000	0.0000	0.0000	0.00	0.00	0.00
2	50.000	50.000	0.0000	0.00	0.00	0.00
3	100.00	0.0000	0.0000	0.00	0.00	0.00
4	200.00	100.00	0.0000	0.00	0.00	0.00

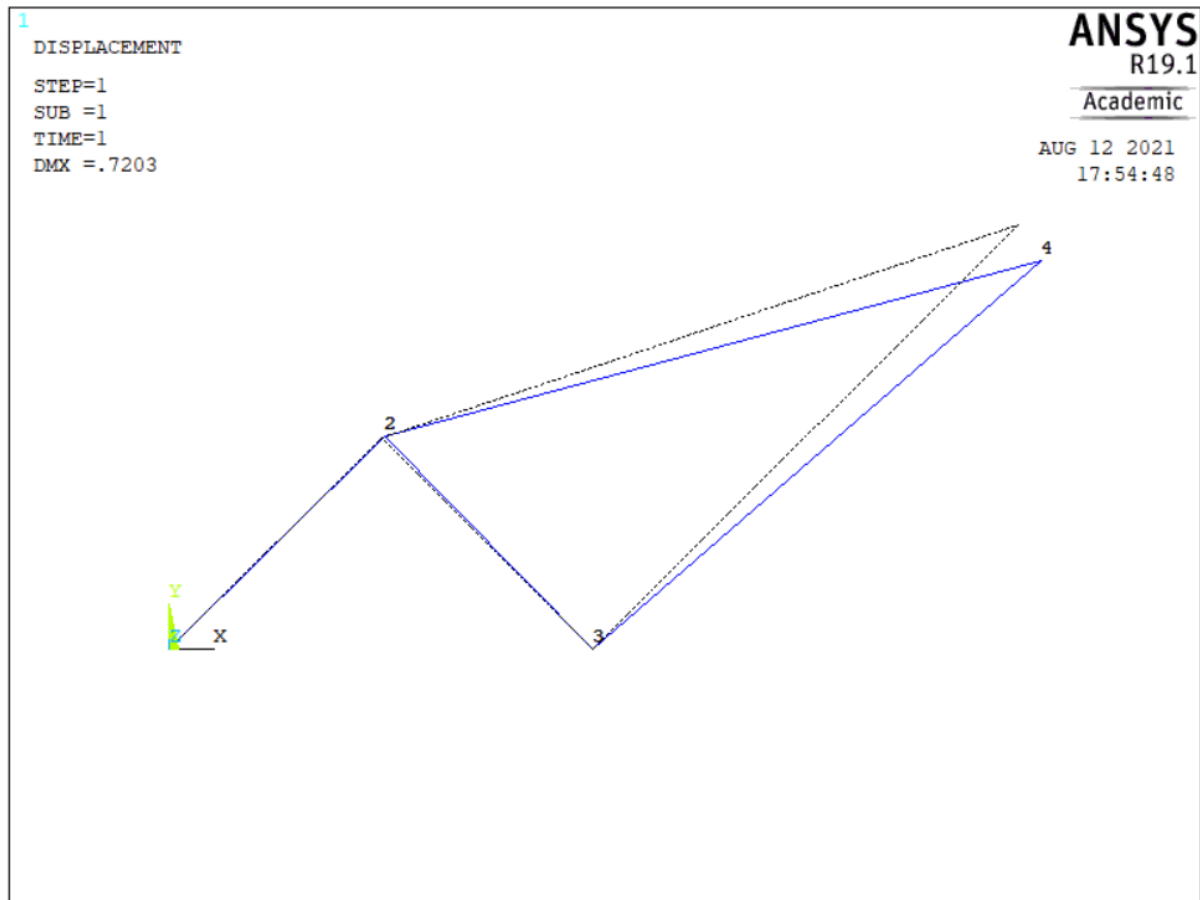
After applying DOF and LOAD



# 1901ME39

## MANOJ KUMAR MADUGULA

Deformed and undeformed shapes after solving



DISPLACEMENT VECTOR SUM

PRNSOL Command

File

```
PRINT U      NODAL SOLUTION PER NODE
***** POST1 NODAL DEGREE OF FREEDOM LISTING *****
LOAD STEP=   1  SUBSTEP=   1
TIME=   1.0000  LOAD CASE=   0
THE FOLLOWING DEGREE OF FREEDOM RESULTS ARE IN THE GLOBAL COORDINATE SYSTEM
```

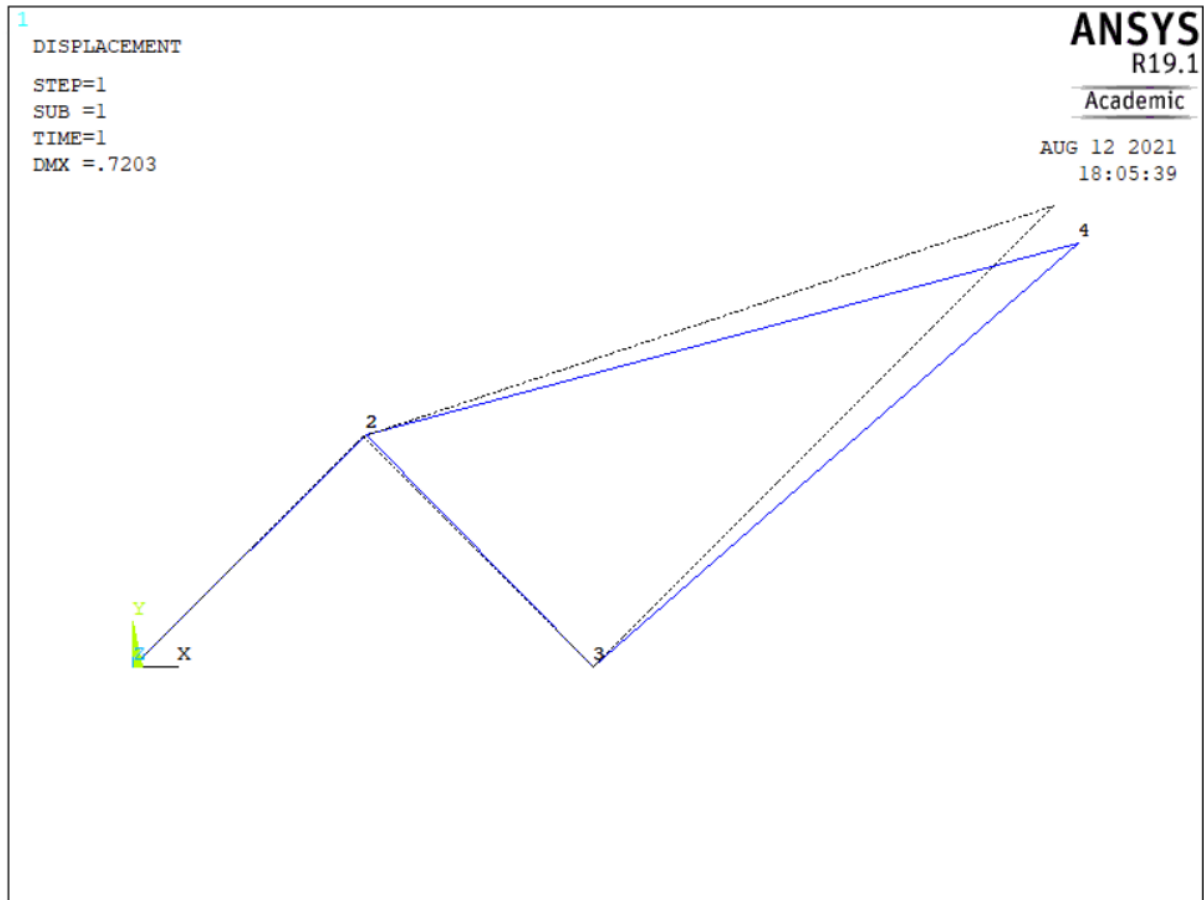
NODE	UX	UY	UZ	USUM
1	0.0000	0.0000	0.0000	0.0000
2	0.53033E-001	0.17678E-001	0.0000	0.55902E-001
3	0.0000	0.0000	0.0000	0.0000
4	0.39210	-0.60423	0.0000	0.72030

```
MAXIMUM ABSOLUTE VALUES
NODE      4      4      0      4
VALUE    0.39210  -0.60423  0.0000  0.72030
```

# 1901ME39

## MANOJ KUMAR MADUGULA

### ELEMENT TABLE



### MEMFORCE AND ASTRESS VALUES

PRETAB Command

File

PRINT ELEMENT TABLE ITEMS PER ELEMENT

\*\*\*\*\* POST1 ELEMENT TABLE LISTING \*\*\*\*\*

STAT ELEM	CURRENT MEMFORCE	CURRENT ASTRESS
1	1414.2	1414.2
2	-707.11	-707.11
3	1581.1	1581.1
4	-2121.3	-2121.3

MINIMUM VALUES

ELEM	4	4
VALUE	-2121.3	-2121.3

MAXIMUM VALUES

ELEM	3	3
VALUE	1581.1	1581.1