

# Cantilever Beam - Numerical Solution

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## Numerical Solution

### Obtain the Numerical Solution

### Check Your Understanding

Select the correct option below.

At this point, ANSYS has determined the degrees of freedom at the nodes. If we tweak any of these degrees of freedom, the corresponding deformed shape of the midline will change. How is the total potential energy of the beam affected in the process?

It:

1. Decreases
2. Stays the same
3. Increases

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