Calfem for Python: Meshing

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Mesh generation steps

- Defining the **geometry** of the model.

- Creating a **finite element mesh** with the desired elements and properties

- Extracting **data structures** that can be used by CALFEM.

Let's practice, open the following:

- Https://github.com/bagustris/calfem-python
- https://github.com/CALFEM/calfem-python/
- https://calfem-python-bagus.readthedocs.io/
- https://calfem-for-python.readthedocs.io

Task/Home work

- Create your own geometry

- Implement mesh on your geometry

- Change mesh type, e.g., from triangle to quad

- Make short analysis

- Submit both python and .pdf files of analysis