

```
1  class Edge:
2      def __init__(self, booms, thickness, length):
3          """
4
5          :param booms: list of booms that the edge is uniting
6          :param thickness: thickness of the skin section the edge represents
7          :param length: length of the skin section the edge represents
8          """
9          self.thickness = thickness
10         self.length = length
11         self.booms = booms
12         self.q_B = 0.0
13         self.q_0 = 0.0
14         self.q_total = 0.0
15         self.q_T = 0.0
16         self.shear_stress = 0.0
17
18
```