

# M2 – NAM (Homework)

## About robustness

### **Exercise 1 — *Open question about robustness***

As in the Lab work about robustness, we measure robustness by measuring how much it remains connected when deleting nodes.

Let's suppose that we want to identify nodes which are important to guarantee the robustness of the network. We have seen that high degree nodes could be risky targets but there may be more important nodes.

Let's suppose that the graph is 100.000 nodes and you only have a few hours to identify these risky targets, what would be your strategy?