

# Bioinformatics III

## First Assignment

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### Exercise 1.1: The random network

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Listing 1 shows source code.

Listing 1: Example Listing of source code

```
0 class Node:
    def __init__(self, identifier):
        """
        Sets node id and initialize empty node list that references its connected nodes
        """
5
    def hasLinkTo(self, node):
        """
        Returns True if this node is connected to node asked for,
        False otherwise
10        """

    def addLinkTo(self, node):
        """
        Adds link from this node to parameter node (only if there is no link connection already
15        does not automatically care for a link from parameter node to this node
        """

    def degree(self):
        """
20        Returns degree of this node
        """

    def __str__(self):
        """
25        Returns id of node as string
        """
```

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