

# INFDEV02-2

The DEV team

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Abstraction, loops, and data structures.

## 1 Homework 2

**Exercise 1 - List Print** Given a Empty/Node data structure instantiate a list containing the following values 1, 2, 3, and 4. Eventually, print all the values of the list.

**Exercise 2 - List Count** Given a Empty/Node data structure instantiate a list containing the following values 1, 2, 3, and 4. Eventually, count the number of nodes present in list and print it.

**Exercise 3 - List Sum** Given a Empty/Node data structure instantiate a list containing the following values 1, 2, 3, and 4. Eventually, sum the all the values of the list and print it.

**Exercise 4 - List Reverse** Given a Empty/Node data structure instantiate a list containing the following values 1, 2, 3, and 4. Eventually, reverse the list and print it.

**Exercise 5 - List Transform** Given a Empty/Node data structure instantiate a list containing the following values 1, 2, 3, and 4. Eventually, multiply all the values of the list by an input value and print the list.