



## Introduction

In a lot of problems, we are asked to reverse the links between a set of nodes of a **LinkedList**. Often, the constraint is that we need to do this in-place, i.e., using the existing node objects and without using extra memory.

**In-place Reversal of a LinkedList** pattern describes an efficient way to solve the above problem. In the following chapters, we will solve a bunch of problems using this pattern.

Let's jump on to our first problem to understand this pattern.

