# Recursion

In this lesson, students will learn about recursion and recursive methods. A recursive method is a method that calls itself. Recursive methods contain at least one base case, which halts the recursion, and at least one recursive call. This lesson corresponds with AP Computer Science A topic 10.1.

## Objective

Students will be able to:

* Determine the result of executing recursive methods

## Enduring Understandings

This lesson builds toward the following Enduring Understandings (EUs) and Learning Objectives (LOs). Students should understand that…

* EU Con-2 Programmers incorporate iteration and selection into code as a way of providing instructions for the computer to process each of the many possible input values. (LO’s 2.O)