

Course Progress

[Course](#) > [Readings](#) > [Reading 1: Recursion](#) > [Questions](#)

[Previous](#)
[1](#)
[2](#)
[3](#)
[4](#)
[5](#)
[6](#)
[7](#)
[8](#)
[9](#)
[10](#)
[11](#)
[12](#)
[13](#)
[14](#)
[15](#)
[Next](#)

Questions

 [Bookmark this page](#)

Recursive structure

1/1 point (graded)

Recursive methods have a base case and a recursive step. What other concepts from computer science also have (the equivalent of) a base case and a recursive step?

- ☒ proof by induction
- ☐ regression testing
- ☐ recursive functions
- ☒ binary trees



Explanation

In proof by induction, the base case is called a base case, and the recursive step is often called the inductive step. Binary trees have leaves (base case) and internal nodes (recursive step).

Submit

 Answers are displayed within the problem

[← Previous](#)
[Next →](#)

Some Rights Reserved

Facebook