

CSCE 747 - Functional Testing Activity

Name(s):

At work, you are asked to develop a simple C++ container class `SetOfE` containing elements of type `E` and you are asked to include (among many other) the following methods:

- `void insert(E e)`
- `Bool find(E e)`
- `void delete(E e)`

Given the obvious meaning of these methods, using domain partitioning, please develop functional test cases (as abstract test specifications) for the methods. You can define your test cases as input/output pairs.

For example, to test `insert(E e)` one test case could be:

Input: Empty Container/any `e`

Expected output: `e` in Container.

Note: Do not go overboard with test cases—4-6 test cases per method ought to be adequate