

Assignment 8

Stack Copy Constructor	30 pts.
Exception for pop() function	30 pts.
Stack Class Template	30 pts.
TOTAL	90 pts.

Stack Class Improvements

Make two improvements to the `DynIntStack` class (provided):

1. Write a copy constructor for the `DynIntStack` class. Explicitly call copy constructor in `main()`.
2. Make `pop` member function throw an exception of type `int` when someone tries to pop element from an empty stack. Run a test in `main()`: pop from an empty stack, use try-catch block to handle the exception.

Stack Class Template

Transform `DynIntStack` into a template class. Test template in `main()`, create stacks of chars and doubles, run `pop` and `push` functions on them.