Lab 3-Simulating a stack in C++ (C++)

New Attempt

Due No Due Date   **Points** 10   **Submitting** a file upload
File Types cpp, c, txt, and h

Write a C++ program to simulate a stack. The stack can contain any kind of data; you can choose the data type of the stack. Use an array. Create push, pop, and peek functions.

The push function should have one parameter, the item to push onto the stack.
The pop function should not have any parameters; it should remove what's on the top of the stack and return it.
The peek function should also should not have any parameters; it should return what's on top of the stack without disturbing it in any way.

These functions should not print or do anything else. Their only job is to manipulate the stack.

Write a main function to test your stack functions and verify that your program works.