

Exercise 8

1. Define the class for a stack of generic elements (template class) with methods for push and pop elements onto/off the stack and read the top element. Write a program that illustrate how your class can be used. Please remember that you need to show that it is possible to define the stacks with different content.
2. Define a sort function that takes a comparison criteria. Define a class Point including real valued x and y coordinates. Implement and run the sort algorithm for sorting according to x coordinate and then y coordinate. You need to use function templates in your program.