

C++ Programming

STL Stack

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Teaching, Training and Coaching since more than a decade!

Artificial Intelligence & Computer Vision Researcher

PhD from Simon Fraser University - Canada

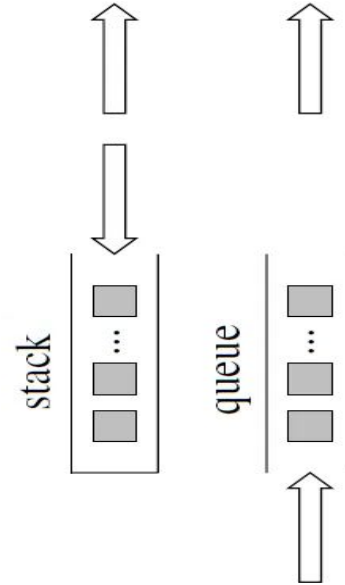
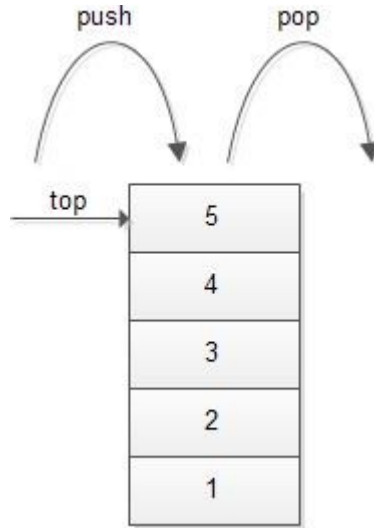
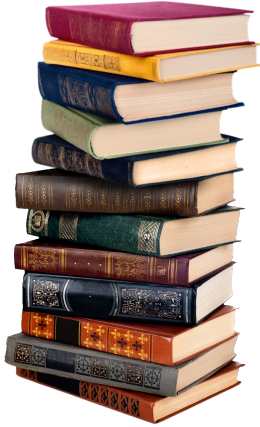
Bachelor / Msc from Cairo University - Egypt

Ex-(Software Engineer / ICPC World Finalist)



Stack

- Imagine a box and you put book by book



Stack

16_4.cpp

```
1  #include<iostream>
2  #include<stack>
3  using namespace std;
4
5  void print(stack<string> &s) {
6      cout << "Stack elements: ";
7      while (!s.empty()) {
8          cout << s.top() << " ";
9          s.pop();
10     }
11     cout << "\n";
12 }
13 int main() {
14     stack<string> s;
15     s.push("ibrahim");
16     s.push("saad");
17     s.push("mostafa");
18
19     print(s);    // mostafa saad ibrahim
20     return 0;
21 }
22
```

“Acquire knowledge and impart it to the people.”

“Seek knowledge from the Cradle to the Grave.”