

Devoir Zakaria Bozari
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#include <iostream>

class Stack {
private:
    int* stack_;
    int input_size;
    int max_size;
public:
    Stack(const int& size = 20) : input_size(size), max_size(-1) {
        stack_ = new int[input_size];
    }
    bool Full_stack() {
        return max_size == (input_size - 1);
    }
    bool Empty_stack() {
        return max_size == -1;
    }
    Stack& operator<<(int new_element) {
        if (!Full_stack()) {
            stack_[++max_size] = new_element;
        } else {std::cout << "La pile est pleine." << std::endl;}
        return *this;
    }
    Stack& operator>>(int& Input) {
        if (!Empty_stack()) {
            Input = stack_[max_size--];
        } else {
            std::cout << "La pile est vide. Opération Impossible." << std::endl;
            Input = -1;
        }
        return *this;
    }
    int operator--() {
        if (Empty_stack()) {return 1;}
        else {return 0;}
    }
};
```

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}
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~Stack() {delete[] stack_;}
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};
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int main(){
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}
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