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Tugas Stack CPP

1. Link GitHub:

<https://github.com/weztcy/stack-cpp/blob/main/paket.cpp>

1. Source code stack javascript hasil download:

// program to implement stack data structure

class Stack {

constructor() {

this.items = [];

}

// add element to the stack

add(element) {

return this.items.push(element);

}

// remove element from the stack

remove() {

if(this.items.length > 0) {

return this.items.pop();

}

}

// view the last element

peek() {

return this.items[this.items.length - 1];

}

// check if the stack is empty

isEmpty(){

return this.items.length == 0;

}

// the size of the stack

size(){

return this.items.length;

}

// empty the stack

clear(){

this.items = [];

}

}

let stack = new Stack();

stack.add(1);

stack.add(2);

stack.add(4);

stack.add(8);

console.log(stack.items);

stack.remove();

console.log(stack.items);

console.log(stack.peek());

console.log(stack.isEmpty());

console.log(stack.size());

stack.clear();

console.log(stack.items);

1. Screenshot hasil program:

