

# Methods and attributes

## Stack class

A stack is a data structure where elements are stored in the order in which they were added. A stack is like a stack of books or plates: you cannot remove any object, only the one that was added last.

Implement your Stack class in Python. It should wrap several built-in Python data structure and implement the following methods:

- `push(e1)` : push a new element `e1` to the stack;
- `pop()` : remove and return the last element from the stack;
- `peek()` : return the last element without removing it;
- `is_empty()` : check if the stack is empty and return `True` or `False` .

The stack must be empty upon initialization. You don't need to create an instance of the class or print anything.

Source: [JetBrains Academy](#)