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Operaciones básicas de las pilas

S.push(e): Add element e to the top of stack S.

S.pop(): Remove and return the top element from the stack S;
an error occurs if the stack is empty.

Additionally, let us define the following accessor methods for convenience:

S.top(): Return a reference to the top element of stack S, without
removing it; an error occurs if the stack is empty.

S.is empty(): Return True if stack S does not contain any elements.

len(S): Return the number of elements in stack S; in Python

References

Goodrich, M. T., Goldwasser, M. H., & Tamassia, R. (2013). *Data structures and algorithms in Python*. Wiley.