

**Introduction to Basic Data Structures**

**Stack Built-in Functions:**

| **Name** | **Details** | **Time Complexity** |
| --- | --- | --- |
| **st.push()** | Add an element to the tail/back of the stack. | O(1) |
| **st.pop()** | Delete the last value of the stack. | O(1) |
| **st.top()** | Access the last element of the stack. | O(1) |
| **st.size()** | Returns the size of the stack. | O(1) |
| **st.empty()** | Return true/false if the stack is empty or not. | O(1) |