

Dev Nation

Data Science Lab-12

Q1. Create a class **Stack** Contains

- a. Items
- 2. Functions
 - a. **push**
 - i. insert the item at start of the stack
 - b. **pop**
 - i. Pop first element from the stack
 - c. **peak**
 - i. Returns top element of the stack
 - d. **print_stack**
 - i. Display the entire
 - e. **size**
 - i. Return total number of items in the stack
 - f. **push_without_using_insert**
 - i. Insert the item at start of the stack without using **.insert** method of string

Note: Not a single function should crash on an empty stack