

PUSH

Push ():

Description: Here **STACK** is an array with **MAX** locations. **TOP** points to the top most element and **ITEM** is the value to be inserted.

1. If (TOP == MAX) Then [Check for overflow]
2. Print: Overflow
3. Else
4. Set TOP = TOP + 1 [Increment TOP by 1]
5. Set STACK[TOP] = ITEM [Assign ITEM to top of STACK]
6. Print: ITEM inserted
- [End of If]
7. Exit