

# Data Structures :- Pop and <sup>Push</sup> top algorithm

## Push operation

- 1) START
- 2) INPUT ~~ele~~ ele;
- 3) IF  $TOP == SIZE - 1$ ;
- 4) PRINT "STACKOVERFLOW";
- 5) ELSE
- 6)  $STACK[TOP] = ele$ ;
- 7) END

## POP OPERATION

- 1) START
- 2) IF  $TOP == -1$
- 3) PRINT "STACK UNDERFLOW"
- ELSE
- $ele = STACK[TOP]$
- $TOP --$ ;
- Return ele
- Display
- FOR ELE IN STACK
- PRINT "ELE";