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STACK OPERATION:

A Stack is a linear data structure that follows the principle.

stack is an *ARRAY*, and **data** is the element to be inserted in the stack array

GLOBAL variable is

FUNCTION **PUSH**(stack, data) RETURN BOOLEAN

IF THEN
 PRINT "Error: Stack Overflow"
 RETURN

ELSE

 top $\leftarrow$ top +
 stack[top] $\leftarrow$
 RETURN True

END

Explain the term Overflow ?

FUNCTION **POP**(stack) RETURN

IF THEN
 PRINT "Error: Stack Underflow"
 RETURN False

ELSE

 data $\leftarrow$ stack[top]
 top $\leftarrow$ top 1
 RETURN

ENDIF

END

Explain the term Underflow ?