

PUSH, POP & DISPLAY (Vallisha.M, IBM 19C5177)

## ALGORITHM

PUSH(int x)

{

if (top == SIZE - 1)

printf("STACK OVERFLOW")

else

top = top + 1

stack[top] = x

}

POP()

{

if (top == -1)

printf("STACK is empty")

else { printf(stack[top];

top = top - 1;

}

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Display()

{

if (~~top~~ == -1)

print("STACK is EMPTY")

else

{

for i = top to 0

print stack[i]

i = i - 1

END LOOP

}

}