Push R0 (Parameter Value) onto the Stack

```
LDR R0,R4,#0
ADD R6,R6,#-1
STR R0,R6,#0
```

Next, push R0 onto the stack.

Remember the two instructions used to push?

Call the FIND_ABS Function

```
LDR R0,R4,#0
ADD R6,R6,#-1
STR R0,R6,#0
JSR FIND_ABS
```

Step 2: Call the function.

Is there an LC-3 instruction for that?

Read the Return Value from the Top of the Stack

```
LDR R0,R4,#0
ADD R6,R6,#-1
STR R0,R6,#0
JSR FIND_ABS
LDR R0,R6,#0
```

Step 3: Read the return value.

Remember that after JSR, the return value is on top of the stack.

Is there an LC-3 instruction for that?

Pop Return Value and Parameter(s) from Stack

```
LDR R0,R4,#0
ADD R6,R6,#-1
STR R0,R6,#0
JSR FIND_ABS
LDR R0,R6,#0
ADD R6,R6,#2
```

Step 4: Pop return value and parameter.

Is there an LC-3 instruction for that?

That's it for the function call.

Now what?

