

Call Stack

Function

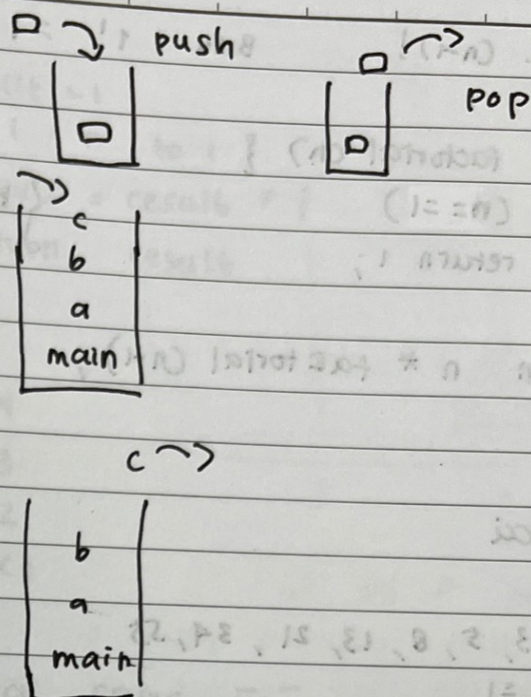
psv a
"start a"
b;
"End a"

psv b
"start b"
c;
"End b"

psv c
"start c"
"End c"

psvm main
a

Output
start a
start b
start c
end c
end b
end a



Example:

Factorial

$$6! = 6 \cdot 5 \cdot 4 \cdot 3 \cdot 2 \cdot 1$$

$$5! = 5 \cdot 4 \cdot 3 \cdot 2 \cdot 1$$

$$6! = 6 \cdot 5!$$

$$n! = n \cdot (n-1)!$$

```
ps int factorial (n) {
    return n * factorial (n-1)
}
```

ERROR stackoverflow