A new frame is added to
the top of the Stack

This is now the top most
"Current Instruction"

(1)

```
------------------------------
Procedure: Write Procedure
------------------------------
Steps:
1: ...


------------------------------
Program: Output Test
------------------------------
Steps:
1: Output 'Extended Hello World' to the Terminal
2: Output ' 1 + 1 = ', and the result of 1 + 1
3: Output ' Area of a circle with radius 3 = ',
                        and the result of 3.1415 * 3 * 3
```

Write Procedure

Instruction: Step 1

Program / Main
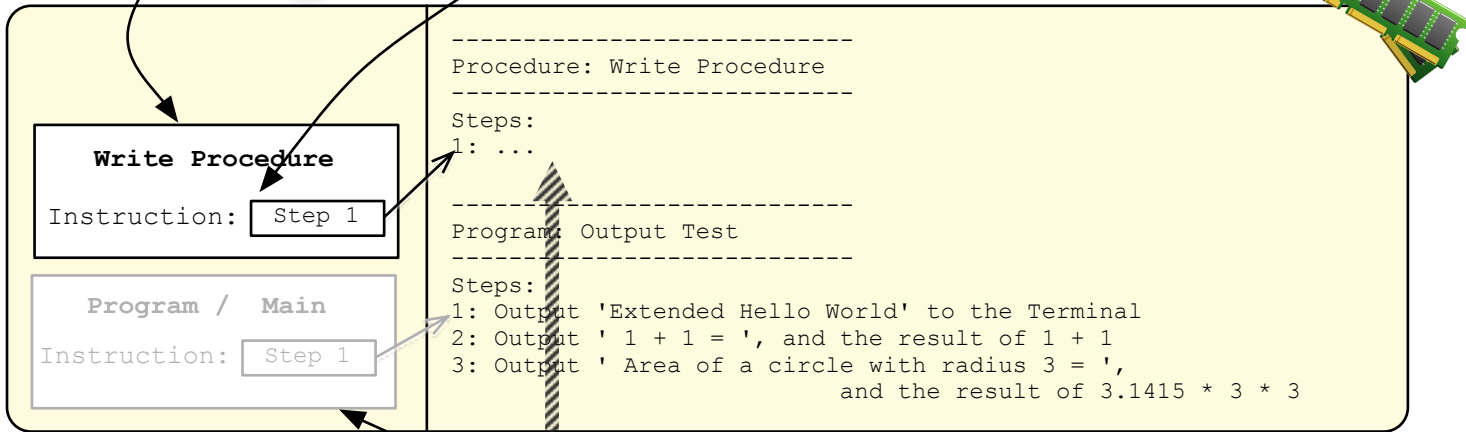
Instruction: Step 1

(2) The Program's progress
remains on the Stack

CPU

(3) The Computer runs the
first instruction in the
Write Procedure

Terminal — bash — 80×24

Extended Hello World
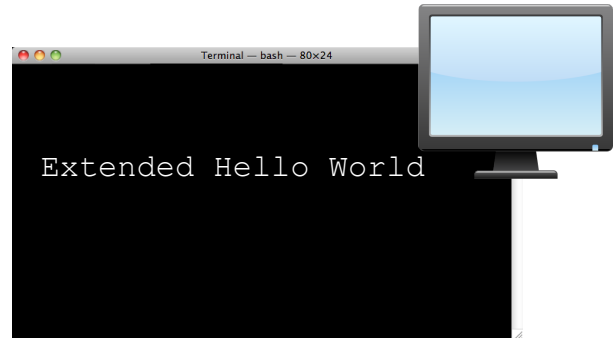
(4) The Computer will continue to run
the Instructions in the Write
Procedure until they complete. When
they finish the output will have
appeared in the Console.