



4.1.1 Stack Frames

1) Stacks are used to store a stack frame each time a subroutine call is made.

- a) State **two** components of a stack frame and explain the purpose of storing that information in the stack frame.

[4 marks]

2) A program calls a subroutine named `calculate()`.

Explain what happens to the stack frame for `calculate()` when:

- a) `calculate()` is called.

[1 mark]

- b) `calculate()` finishes executing.

[1 mark]

