

Quiz 6

* Required

1. Email address *

ANSWER KEY

2. push {lr} is equivalent to... *

Mark only one oval.

- ☒ sub sp, #4 followed by str lr, [sp]
- ☐ add sp, #4 followed by str lr, [sp]
- ☐ str lr, [sp] followed by sub, sp #4
- ☐ sub sp, #4 followed by ldr lr, [sp]

3. push {r14, pc} and push {lr, pc} behave exactly the same *

Mark only one oval.

- ☒ True
- ☐ False

4. push {r1, r2} and push {r2, r1} behave exactly the same *

Mark only one oval.

- ☒ True
- ☐ False

5. A function call always returns to the same address, no matter where it's called from *

Mark only one oval.

- ☐ True
- ☒ False

6. Imagine that a program just started running on one of our Raspberry Pis. Which register holds an address close to where the command-line arguments are stored? *

Mark only one oval.

- ☐ r14
- ☐ pc
- ☐ lr
- ☐ _start
- ☒ sp

