







Question 4

Flags

- Mark device as locked for reading bytes
- Mark device as locked for writting bytes
- Set the device as locked, leaving other flags unchanged
- Remove the lock on a device leaving flags unchanged
- Switch a decive from reading to writting leaving other flags unchanged
- Switch a device between reading and writing leacing other flags unchanged



Question 5

Flags

- that prints (to terminal) whether the printer is out of ink.
- that tells the printer the ink has been replaced.
- to use colour and select scan mode.

 Assume no mode has been selected yet.
- that toggles between print and scan mode. Assume 1 mode is already selected.

```
printerControl = 0 0 0 0 0 0 0 0
                                L [NO_INK]
                                [COLOUR]
                              [SELECT_PRINT]
                          L [SELECT_SCAN]
                          [START]
```



