

ME 333 Quiz 4: Chapter 4

Marshall Johnson

February 3, 2022

Quiz 4

1) What is the purpose of the `NU32_Startup()` function?

The `NU32_Startup()` function configures the PIC32 and NU32 library. The process includes the following tasks:

- (a) configures prefetch cache module and flash wait cycles for maximum performance
- (b) configures PIC32 for multi-vector interrupt mode
- (c) disables JTAG debugging
- (d) configures RF0 and RF1 as digital outputs
- (e) configures UART3
- (f) enables interrupts

2) Why doesn't the following command work as intended?

`LCD_WriteString("Hello world 12345678")`

The LCD only takes 16 characters per line. Since the string input here is more than 16 characters, some will not be displayed.

3) What does the command line instruction `make clean` do?

This command removes the files that were created when the project was initially built. This allows *make* to be run again from scratch.