This file has the screenshots corresponding to all 3 parts of Interrupt assignment.

Part 0:

- Initially because of switch bouncing, for single press code was entering ISR multiple times. To add Switch debounce logic I added the logic to disable Interrupt at the beginning of ISR and enabling back while exiting the ISR.
- This logic helped to enter ISR only one time for single button press.
- Below is the result with switch debounce logic.

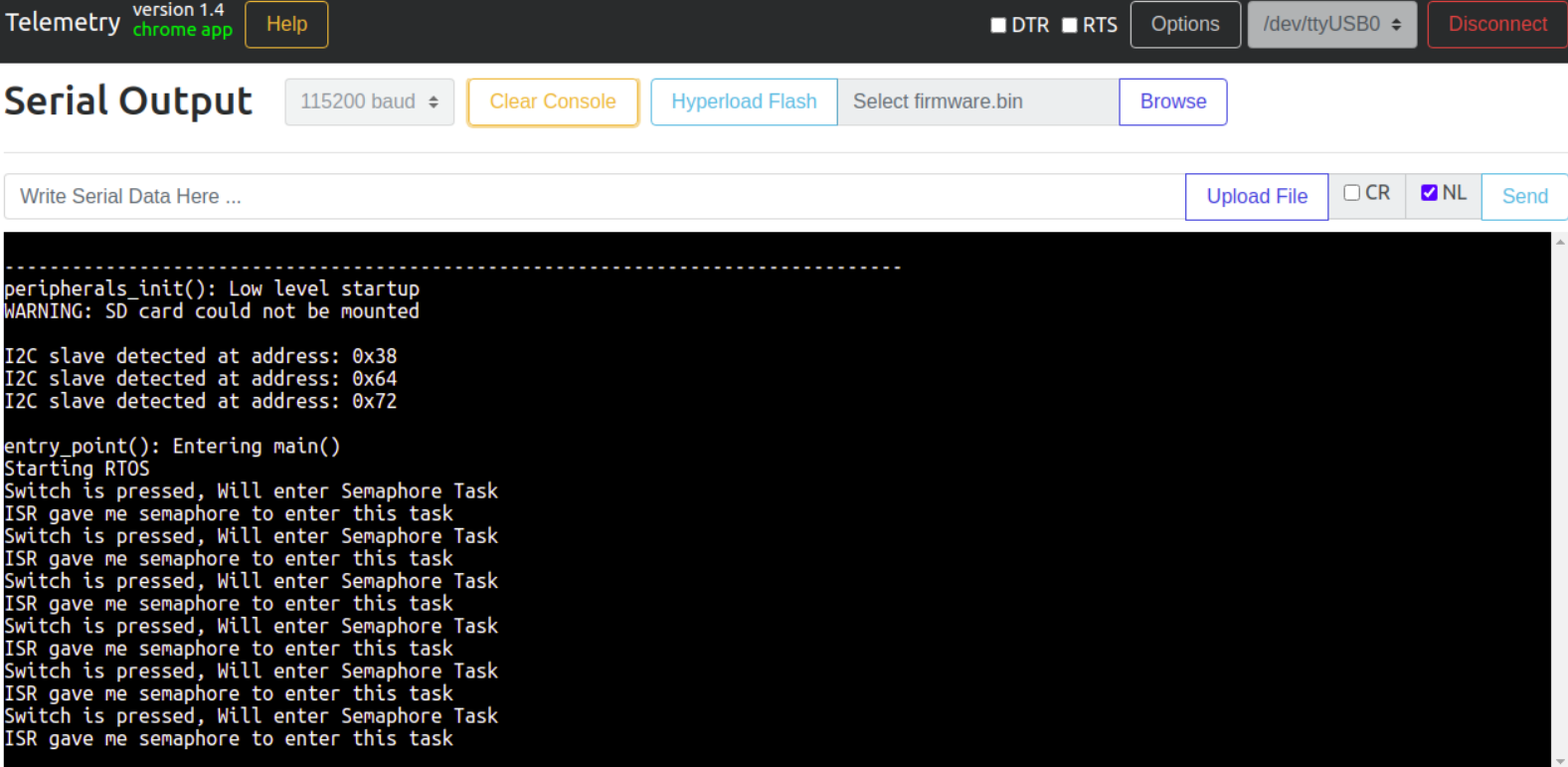Part 1:

- The fprintf statements are added to reflect all implemented steps:
- Below screenshot is showing the prints for entering ISR and then for entering wait_on_semaphore task.

Part 2:
- Below screenshot is showing prints for:
1) attaching callback for particular configured GPIO ISR
2) dispatching to corresponding ISR
3) entering ISR
4) entering wait_on_semaphore task


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peripherals_init(): Low level startup
WARNING: SD card could not be mounted

I2C slave detected at address: 0x38
I2C slave detected at address: 0x64
I2C slave detected at address: 0x72

entry_point(): Entering main()
Attaching callback function for interrupt on GPIO 0 PIN 30
Starting RTOS
Dispatching to ISR fucntion corresponding to GPIO 0 PIN 30
Switch is pressed, Will enter Semaphore Task
ISR gave me semaphore to enter this task
Dispatching to ISR fucntion corresponding to GPIO 0 PIN 30
Switch is pressed, Will enter Semaphore Task
ISR gave me semaphore to enter this task
Dispatching to ISR fucntion corresponding to GPIO 0 PIN 30
Switch is pressed, Will enter Semaphore Task
ISR gave me semaphore to enter this task
Dispatching to ISR fucntion corresponding to GPIO 0 PIN 30
Switch is pressed, Will enter Semaphore Task
ISR gave me semaphore to enter this task
```