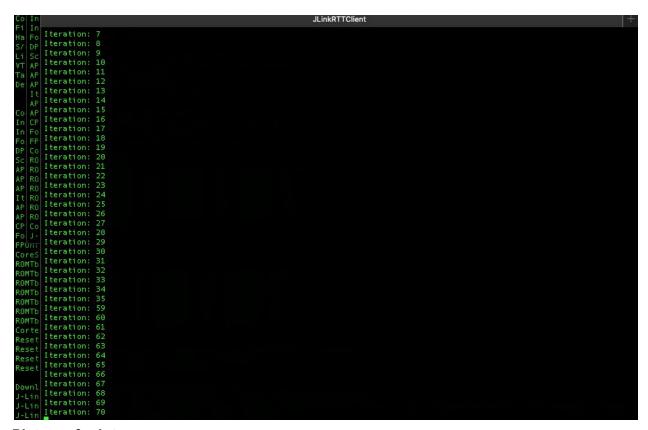
Part1: Programming nRF52840DKwith blink, buttons, printf, and error

I was successfully able to program the basic apps on the nRF52840DK. The following are pictures of the outputs from the print app and error app.



Picture of print app

```
###RTT Client: * Solutions for real time microcontroller applications
###RTT Client: *
###RTT Client: *
                (c) 2012 - 2016 SEGGER Microcontroller GmbH
###RTT Client: *
###RTT Client: *
               www.segger.com Support: support@segger.com
###RTT Client: *
###RTT Client: *
###RTT Client: * SEGGER J-Link RTT Client Compiled Jan 14 2021 11:48:33 *
###RTT Client: *
###RTT Client: Connecting to J-Link RTT Server via localhost:22759 ...
###RTT Client: Connected.
SEGGER J-Link V6.94a - Real time terminal output
J-Link OB-SAM3U128-V2-NordicSemi compiled Mar 17 2020 14:43:00 V1.0, SN=683881041
Process: JLinkExe
Log initialized! Erroring in a second.
<error> hardfault: HARD FAULT at 0x000002F4
<error> hardfault: R0: 0xFFFFFFE R1: 0x2003FA65 R2: 0x00000000 R3: 0x20040000
<error> hardfault: R12: 0x200009F4 LR: 0x000002EF PSR: 0x610000000
<error> hardfault: Cause: The processor has attempted to execute an undefined instruction.
```

Picture of error app

Part 2: Creating an app

I successfully created a simple app that toggles LED1 and LED4 with a delay of 500 ms and LED2 and LED3 at 1000 ms.