RTOS :

Team Member Info:

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Changes :

1) main folder :
   - Added trace.c , trace.h files
   - Updated main.cpp , CmakeLists.txt file

2) In path : **freertos/config/include/freertos**:
   - Added freertos_trace_macros.h, trace_events.h
   - Updated FreeRTOSConfig.h

3) In path : **FreeRTOS-Kernel/include/freertos** :
   - Updated tasks.c and FreeRTOS.h from traceTASK_DELAY() to traceTASK_DELAY(xTicksToDelay)

Storage and visualization:

Step (1): From Root folder directory (RTOS) execute bash file as ***./run.sh*** (It builds, flash, monitor, stores the serial output and parse it to write csv file).

Step (2): Visualize the csv file using command : ***python3 visualize_pro.py log_entries.csv***