**1 Windows 10 OS**

Include zephyr.

|  |
| --- |
| #include <zephyr/zephyr.h>  #include <zephyr/shell/shell.h> |
| #include <zephyr/bluetooth/audio/audio.h> |

|  |
| --- |
| C:\Users\HP\zephyr  Ru zephyr-env.cmd |

|  |
| --- |
| C:\Users\HP\zephyr\include\ |

Graphical user interface, application, table

Description automatically generated

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Compiler with zephyr-sdk-0.15.0

|  |
| --- |
| C:\Users\HP\zephyr-sdk-0.15.0\arm-zephyr-eabi\bin\arm-zephyr-eabi-gcc.exe -IC:/Users/HP/zephyr/include |

nrf at C:\Users\HP\nrf\applications

j-link

<https://www.segger.com/downloads/jlink/>

<https://www.nordicsemi.com/Products/Development-tools/nrf-command-line-tools/download>

|  |
| --- |
| nrfjprog -i  nrfjprog --program build/zephyr/zephyr.hex --coprocessor CP\_APPLICATION --chiperase -r |

<https://www.segger.com/products/debug-probes/j-link/tools/rtt-viewer/>

<https://developer.nordicsemi.com/nRF_Connect_SDK/doc/1.3.1/zephyr/guides/tools/nordic_segger.html>

<https://academy.nordicsemi.com/lessons/lesson-2-reading-buttons-and-controlling-leds/>

<https://github.com/NordicDeveloperAcademy/ncs-fund/tree/main/v2.x.x/lesson3/fund_less3_exer1_solution/src>

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | #include <zephyr/kernel.h> | |  |  |  | | --- | | #include <zephyr/sys/printk.h> | |  |  |  | | --- | |  | |  |  |  | | --- | |  | |  |  |  | | --- | | void main(void) | |  |  |  | | --- | | { | |  |  |  | | --- | | while(1) { | |  |  |  | | --- | | printk("Hello World!\n\r"); | |  |  |  | | --- | | k\_msleep(1000); | |  |  |  | | --- | | } | |  |   } |

prj.conf

|  |
| --- |
| # Console related defines  #CONFIG\_CONSOLE=y  CONFIG\_USE\_SEGGER\_RTT=y  CONFIG\_RTT\_CONSOLE=y  CONFIG\_UART\_CONSOLE=n  # Shell related defines  CONFIG\_SHELL=y  CONFIG\_KERNEL\_SHELL=y |

Shape, rectangle

Description automatically generated