# HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY FACULTY OF COMPUTER SCIENCE AND ENGINEERING



### EMBEDED SYSTEM

## Laboratory Exercise Report N.O 1

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### 1 Setup Environment & Build

Rercades-a200@Nercades-A200://Downloads/csp-idf-master/examples/gst-started/hello\_world\$ idf.py bulld
Executing action: all (altases: build)
Running cmake in directory /home/mercedes-a200/Downloads/csp-idf-master/examples/gst-started/hello\_world/build
Executing "cmake - 0 Ninja -DPYTHON\_DEPS\_CHECKED=1 -DESP\_PLATFORM=1 --warn-uninitialized -DCCACHE\_ENABLE=0 /home/mercedes-a200/Downloads/csp-idf-master/examples/get-started/hello\_world\*...
Warn about uninitialized values.
- Found Cit: /usr/bin/igit (found version "2.17.1")
fatal: not a git repository (or any of the parent directories): .git
- Top-id REGET not set, using default target: esp32
- The C compiler identification is GNU 8.2.0
- The C compiler identification is GNU 8.2.0
- The ASM compiler identification is GNU 8.2.0
- Check for working C compiler: /home/mercedes-a200/.espressif/tools/xtensa-esp32-elf/esp-2020r1-8.2.0/xtensa-esp32-elf/bin/xtensa-esp32-elf-gcc
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- Detecting C compiler ABI info
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- Detecting C compiler features - done
- Detecting C compiler features - done
- Check for working CXX compiler: /home/mercedes-a200/.espressif/tools/xtensa-esp32-elf/esp-2020r1-8.2.0/xtensa-esp32-elf/bin/xtensa-esp32-elf/g-g+- - works
- Detecting CXX compiler ABI info - done
- Detecting CXX co

### 2 Flashing & Monitoring ESP32