Maker’s university – exercise number 2

## Important note: Before you start please copy the latest version of drivers from the GIT

<https://github.com/giltal/MakersPlatfrom>

1. **Webserver**:
   1. Create a new project called ESP\_Webserver
   2. Copy from the GIT the ESP32\_WiFi\_STAandAP code
   3. This example runs both with AP and STA modes, so connect to the ESP32 in any way you prefer
   4. Set an access point credentials if you decided to use STA mode
   5. Compile and make sure it is running on your platform
   6. Modify the code to:
      1. Add 3 virtual LEDs on the LCD
      2. Toggle the LEDs when the IO control page is running
      3. For the brave ones 😊:
         1. Add another web page that has a text box + Send button
         2. When the button is pressed print it on the LCD screen and get back to the home page
2. **ESP-Now**
   1. Create a new project called ESP\_Now (Admit the names of the exercisers are original 😊)
   2. Pick up a team mate
   3. Copy from the GIT the ESP32\_WiFi\_ESP\_NOW code
   4. Each one of you should write a code the uses the joystick to draw on the other team mate’s LCD

For next class please install on your phone the Blynk application and register.

More instructions to follow …

Class 4 slides are on the GIT, feel free to address me if you have questions

Good luck 😊