**Convert Speech to text**[**https://speecttotext1.000webhostapp.com/**](https://speecttotext1.000webhostapp.com/)

**Setup ESP32:**

**1-Download Arduino ID , for we can write program code on ESP32**

1. **then plug in the ESP32 to the computer**
2. **setup ESP32 with the IDE we need library , so we should go to File > click on preferences, then write “**[**https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package\_esp32\_index.json”**](https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package_esp32_index.json%E2%80%9D)**on Additional boards manger URLs Then we click OK.**
3. **then select the board From the list of tools > Board "Arduino Uno" > ESP32 Arduino > WEMOS D1 MINI ESP32**
4. **we can check if the board is working choosing an example from file > Examples > ESP32**
5. **We know the port from the list of tools we choose the port and then click on COM6**
6. **We upload the code to the device**

**If port is not defined we follow the following steps**

**" إذا لم يتم تعريف المنفذ ، فإننا نتبع الخطوات التالية "**

1. **We write in Google Chrome the name of the piece CP2104USB Driver**
2. **We download CP210x USB to UART Bridge VCP Drivers**
3. **Uncompress the entire folder and choose CP210x-Universal windows driver Click on CP210x and right-click Extract to selected folder and click OK**
4. **From the list of downloads select CP210x-Unviresal-Windows-Driver folder**

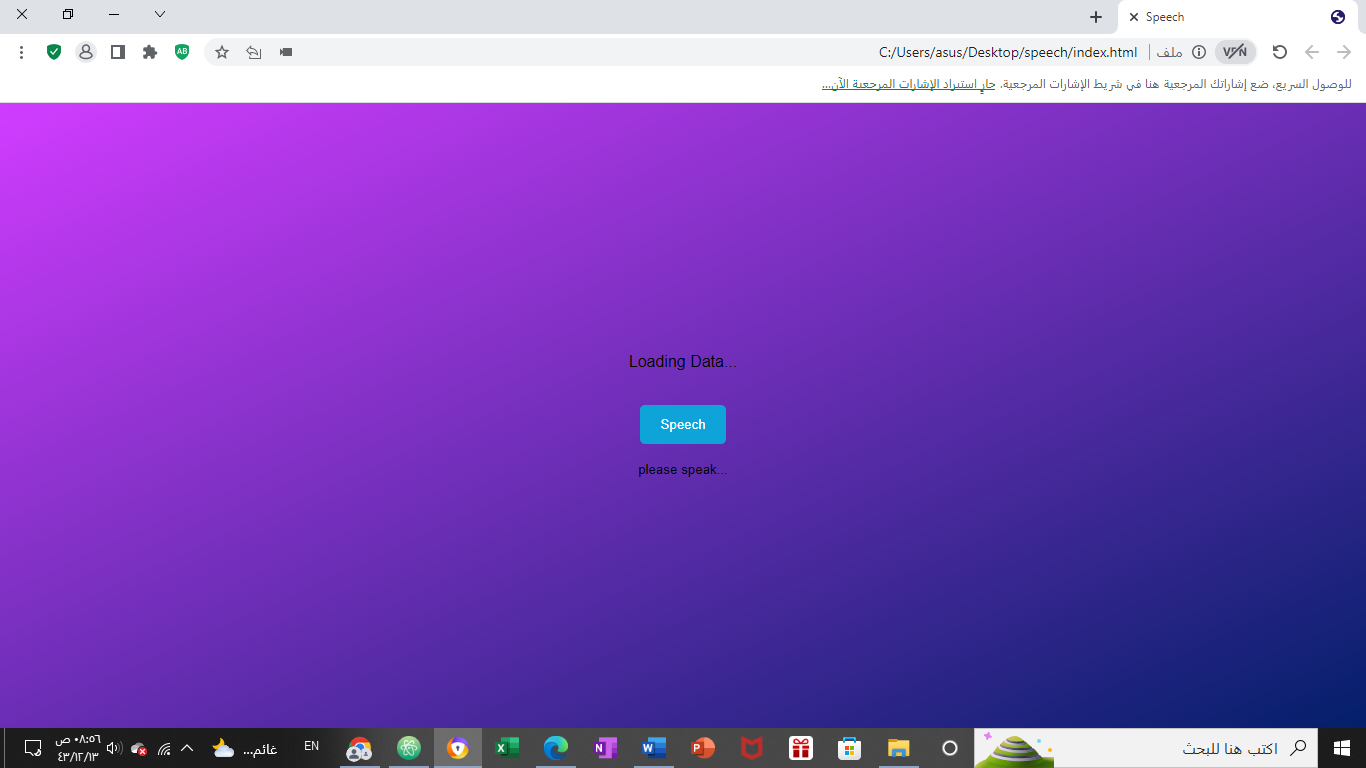
**5- We install the driver by copying the path ->This PC-Download CP210x unviresal windows driver**

1. **We go to the device manager and choose CP2104x USB to UART Bridge Controller, right-click and choose Update driver**

**Then we choose Browse Computer Drives**

1. **Paste the path This PC-Download-CP210x unviresal windows driver and click Next**
2. **Return to the Arduino ID**
3. **From the Tools menu, click on Port and select COM6**

**10- We upload the code to the device**

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