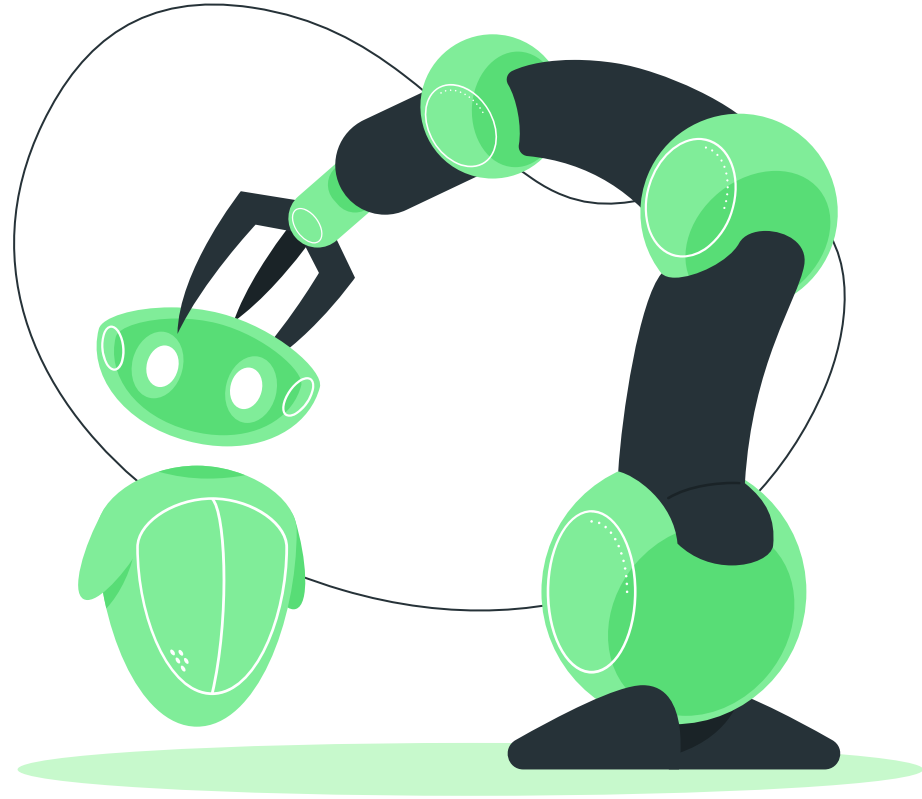


# **. Esp connection algorithm steps:**



# Esp connection algorithm steps:

- First step is installing the Arduino IDE
- Opening the app and go to the file bottom
- From the file list choose the preferences and click on it
- It will show a window that contains a text area called additional boards manager urls
- Fill the text area with the link : [https://dl.espressif.com/dl/package\\_esp32\\_index.json](https://dl.espressif.com/dl/package_esp32_index.json)
- Click ok
- Go to the tools bottom in the bar and choose (Arduino uno board) bottom
- It will show a list of options , choose the board manager option
- It will show a window with a search bar , type (ESP32)
- After showing esp32 Click on install bottom and close the window
- Go to tools bottom and choose from the list (Arduino uno board)
- Choose ESP32 Arduino option
- NOW CONNECT THE ESP WITH USB WIRE
- It will show a list of options choose (WEMOS D1 MINI ESP32)
- After that go to tools and choose (port: "COM3")
- To turn the light on of the esp go to the file bottom
- Choose (examples)
- It will show a list of options , choose (01.Basics)
- It will appear a list, click on (blink) option
- It will show the code of turning the light on
- Click on the Tick icon
- **DONE!**