

GETTING STARTED GUIDE

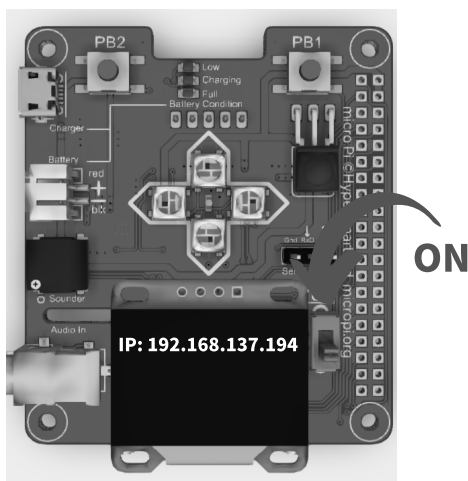
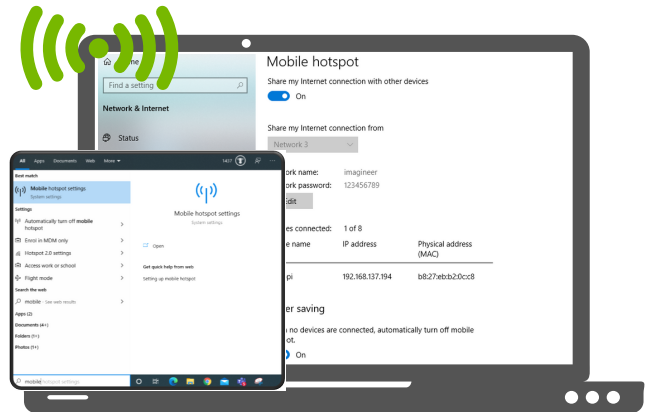
Welcome to topAcademy

This Getting Started Guide will instruct you step-by-step on the basic features that will get you up and running. By the end of the guide you will have connected to the micro:pi over WiFi hotspot and tested sound, lights and OLED functions. Further instructions are provided in the online Advanced User Guide, just create a FREE account on topAcademy.com.

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Create a WiFi Hotspot

Using Windows 10 on a Laptop or a PC (fitted with a WiFi dongle), in the **search** start typing mobile hotspot and select '**mobile hotspot settings**'. On the Mobile hotspot page click on '**Edit**' and enter:
Network name: **imagineer**
Network password: **123456789**
*(save the settings, and then switch the hotspot **ON**)*



Power-up

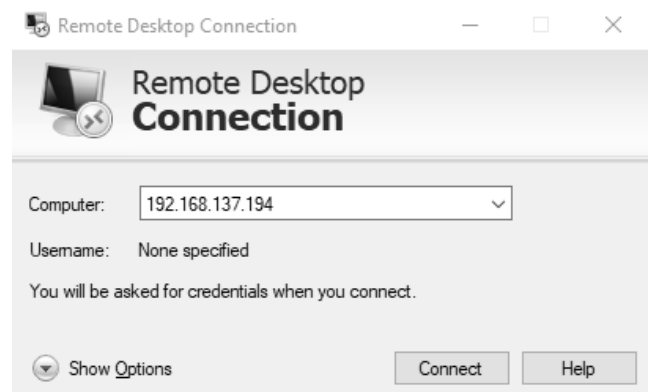
Connect the micro:Pi to a 5V USB power supply and then move the switch to the **ON** position. After about 25 seconds the laptop will provide an IP address and, and this will be displayed on the OLED .

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Remote connection

There are several ways to connect, SSH, VNC or RDP. RDP is available on Windows, to connect enter the IP address



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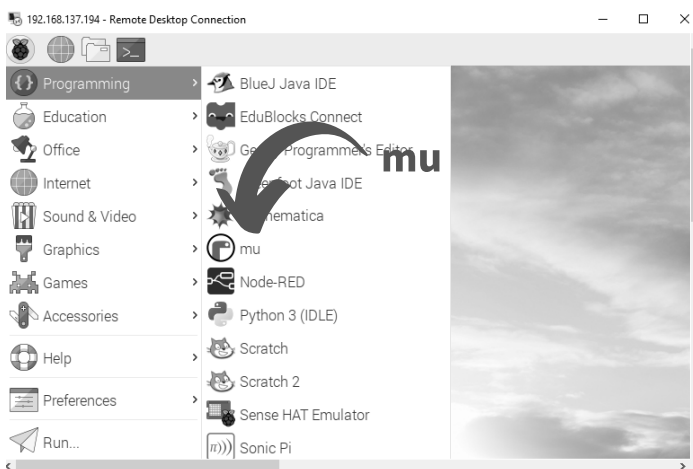
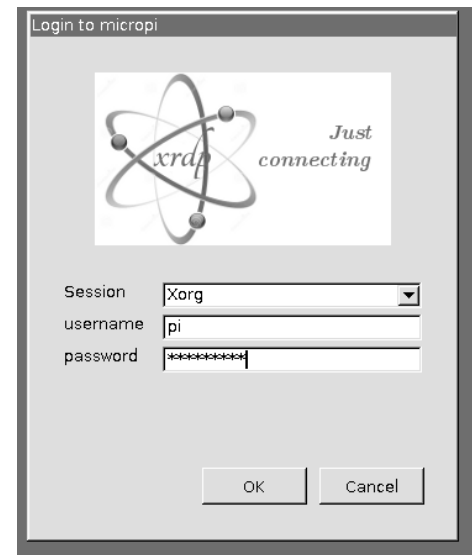
Xrdp

The microPi responds to RDP with an authentication dialog box, enter:

username: **pi**

password: **imagineer**

(you may then be asked to confirm proceeding without a certificate, just press yes to confirm)



Graphical Desktop

The connection will open a new window and display a graphical desktop. Under programming there are several choices, select **mu**.

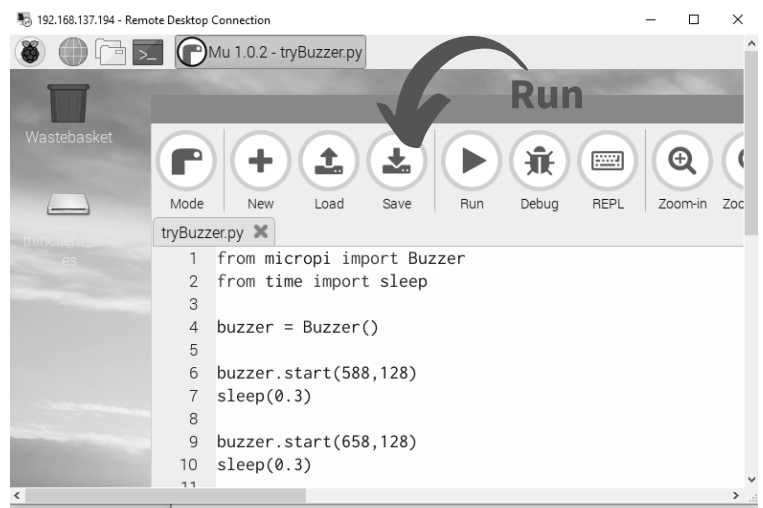
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Running a program

Load the tryBuzzer.py program that is in the micropi folder, then press Run. The buzzer will play a tune.

Finally, Load and Run tryLED.py and then tryOLED.py. In tryOLED.py change the "Hello World" to some other value and Run it again.



This completes this Getting Started Guide

But this is just the beginning. Your micro:Pi is equipped with additional sensors and interfaces, visit <http://topacademy.com> where you will find further guidance and support.

YOU FINISHED



SCAN NOW