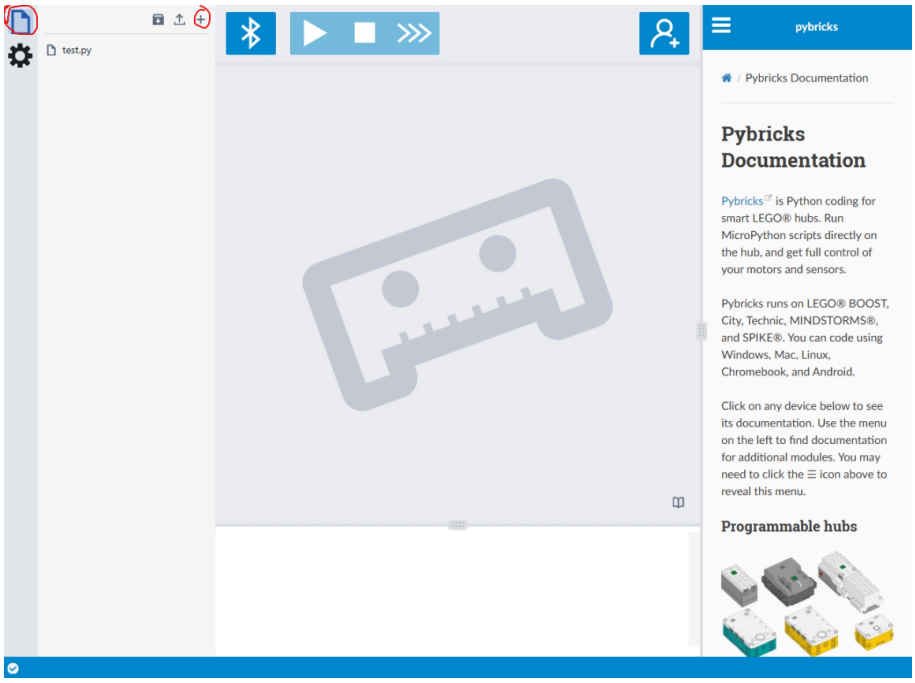
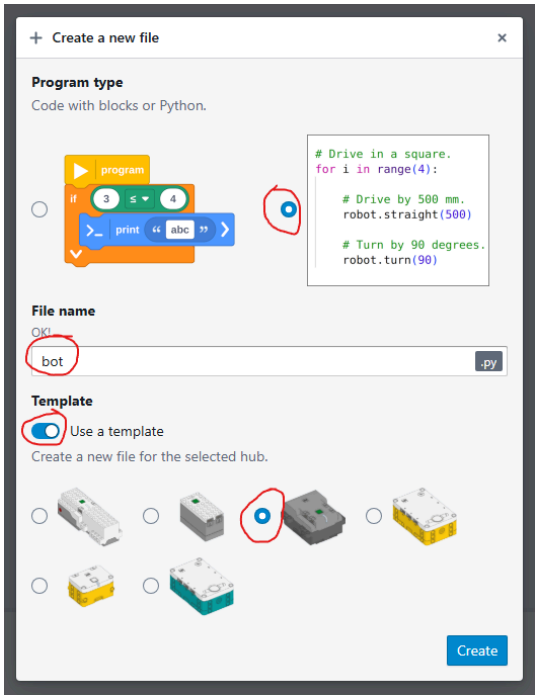
Start coding lego in python like a boss!

Open web browser and go to code.pybricks.com page

When it loads, click on the “+” button to create a new file:



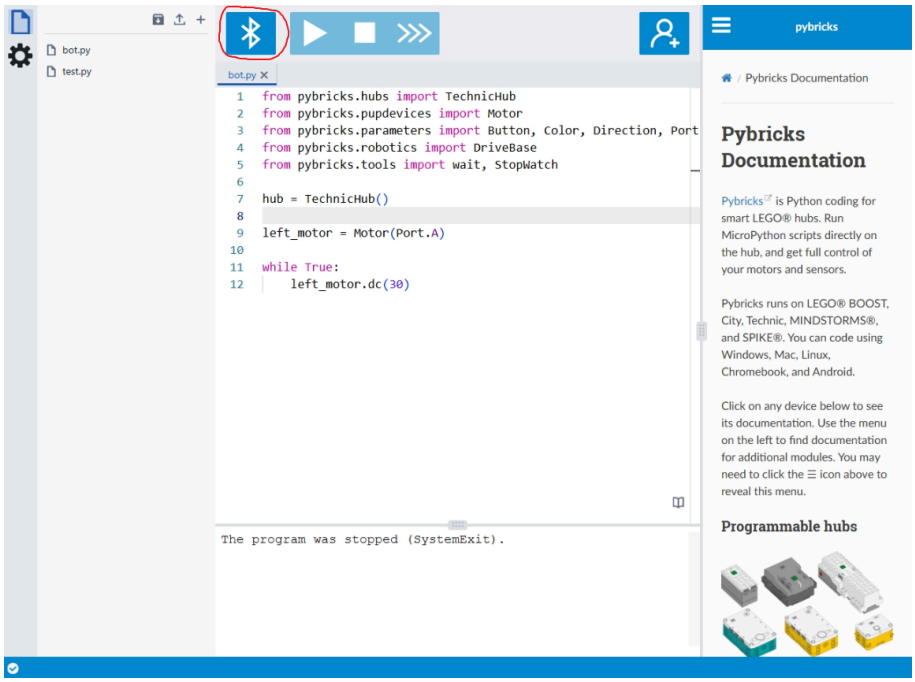
Name your file however you want, but make sure all the other options are marked as follows:



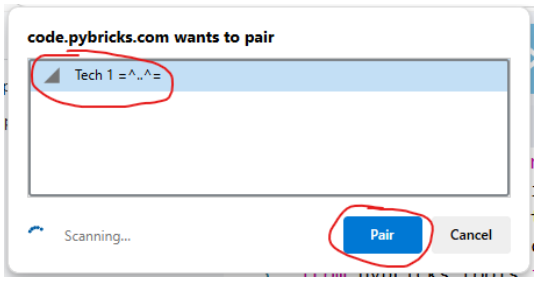
Now we have some code, but it does not do anything interesting yet. Add these three lines at the end of your file, to make the motor connected to the port A spin. Make sure to get all the spaces and upper/lower case letters correct, as python is case sensitive! 🐱

```
left_motor = Motor(Port.A)
while True:
    left_motor.dc(30)
```

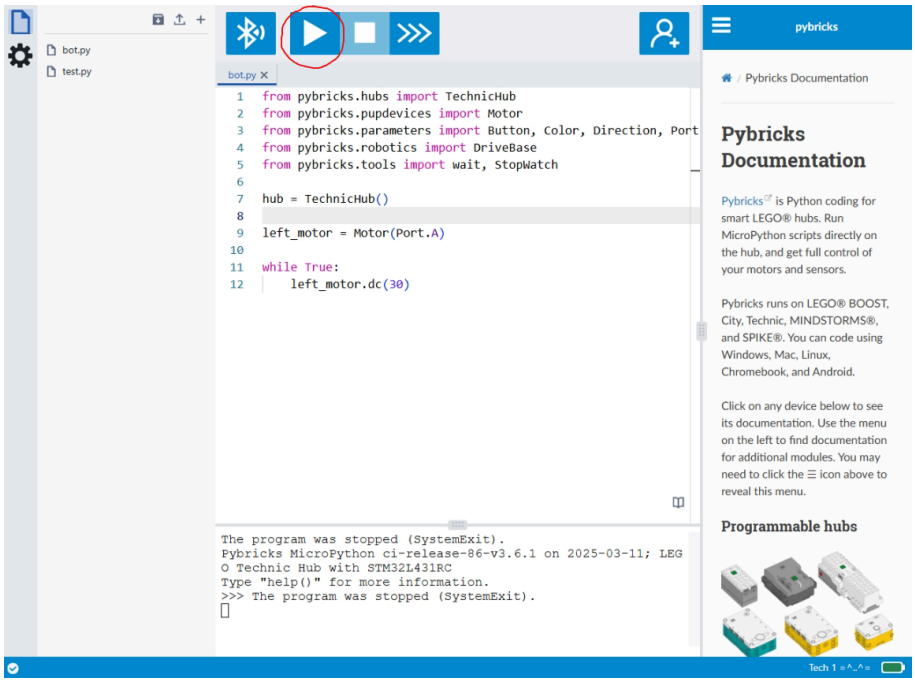
Now, turn on your technic hub (blue light should be blinking) and connect it to the computer by pressing the Bluetooth button marked below.



Then select your hub and press the Pair button.



And finally, upload and run your program by pressing the Play▶️ button. Just make sure you have a motor connected to the port A of the hub! 🐱



If the motor started spinning, congratulations, your first Python program works! It will run forever, unless you stop it by pressing the Stop⏹️ button next to the Play▶️ button. You can also start/stop the program by pressing the button on the hub.

Can you figure out how to change your program to make the motor spin faster? Or how to make it spin in the opposite direction?

When you are done experimenting, github.com/StrayCatNZ/lego/wiki/remote page has building instructions for a basic robot base and code to make it controllable with a lego remote.
Good luck!🐱