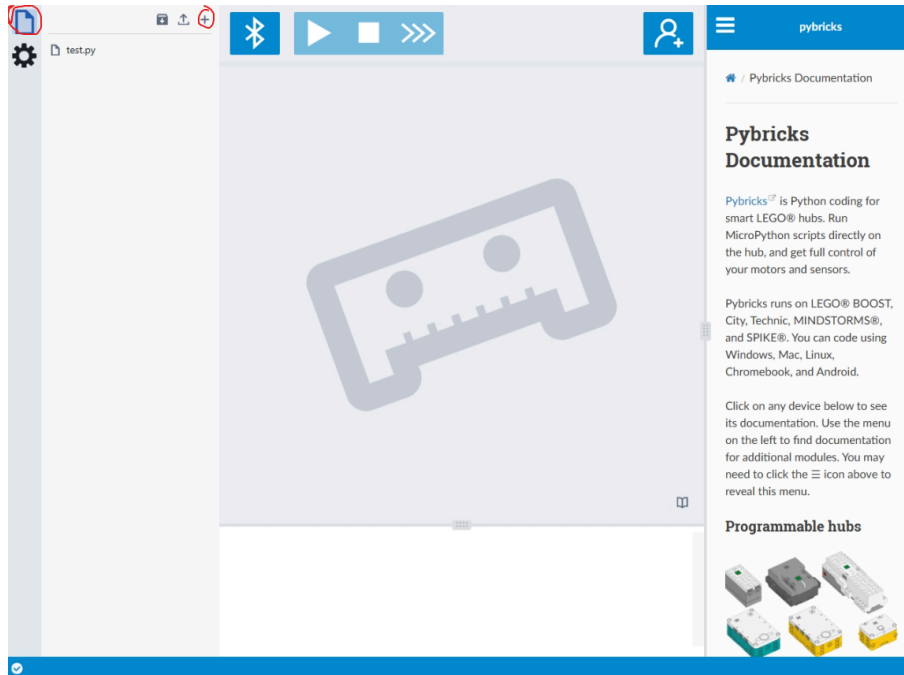


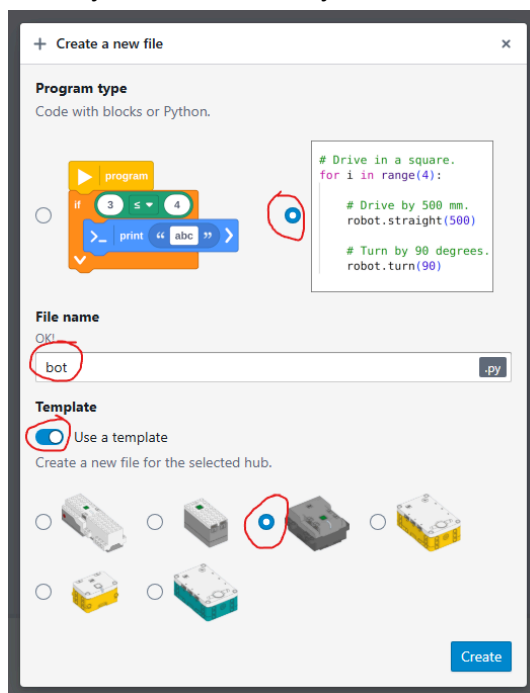
How to code lego in python like a boss!

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

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



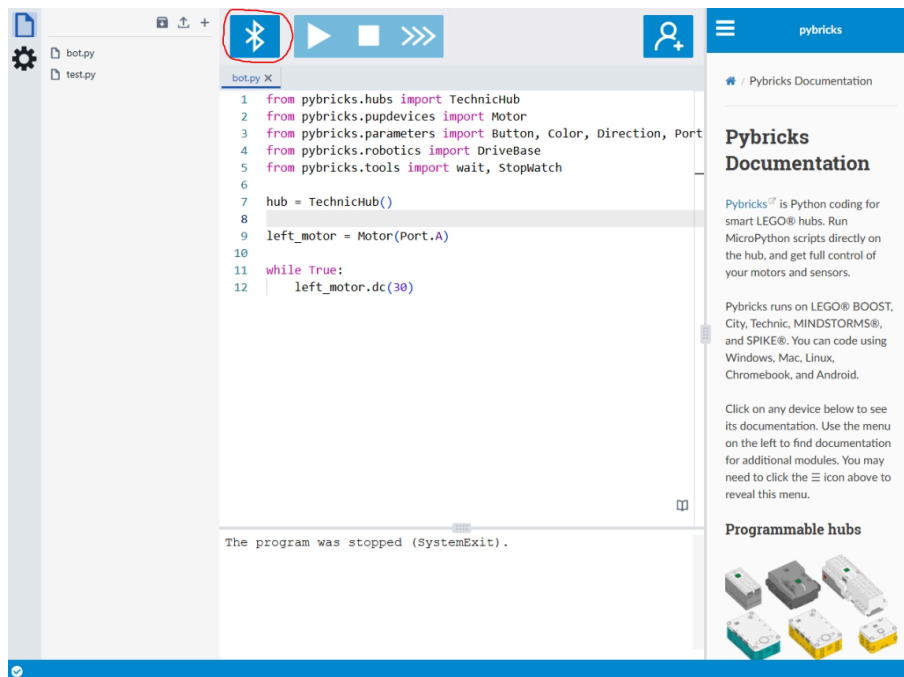
Name your file however you want, but make sure all the other options are marked as follows:



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! 🐱

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

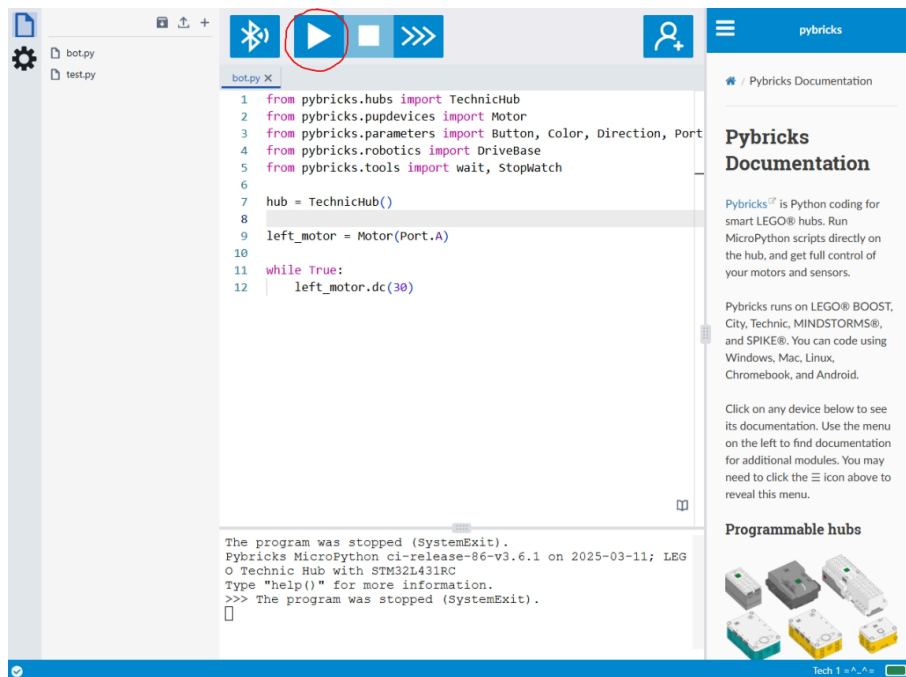
Now, turn on your technic hub (blue light should be blinking) and connect it to the computer by pressing the Bluetooth button marked below.





Then select your hub and press the Pair button.



And finally, 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.

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?

Let's make the other motor spin too, so our robot can actually go somewhere, instead of spinning in place. Add two lines of code for the `right_motor`, so your program looks like this.

```
left_motor = Motor(Port.A)
right_motor = Motor(Port.B, Direction.COUNTERCLOCKWISE)
while True:
    left_motor.dc(30)
    right_motor.dc(30)
```

Once you run your improved program, the robot should move in a straight line. Don't let it drive off the table! 🐱

Can you make it move in the opposite direction? How about making it turn slightly while moving forward? Feel free to experiment!