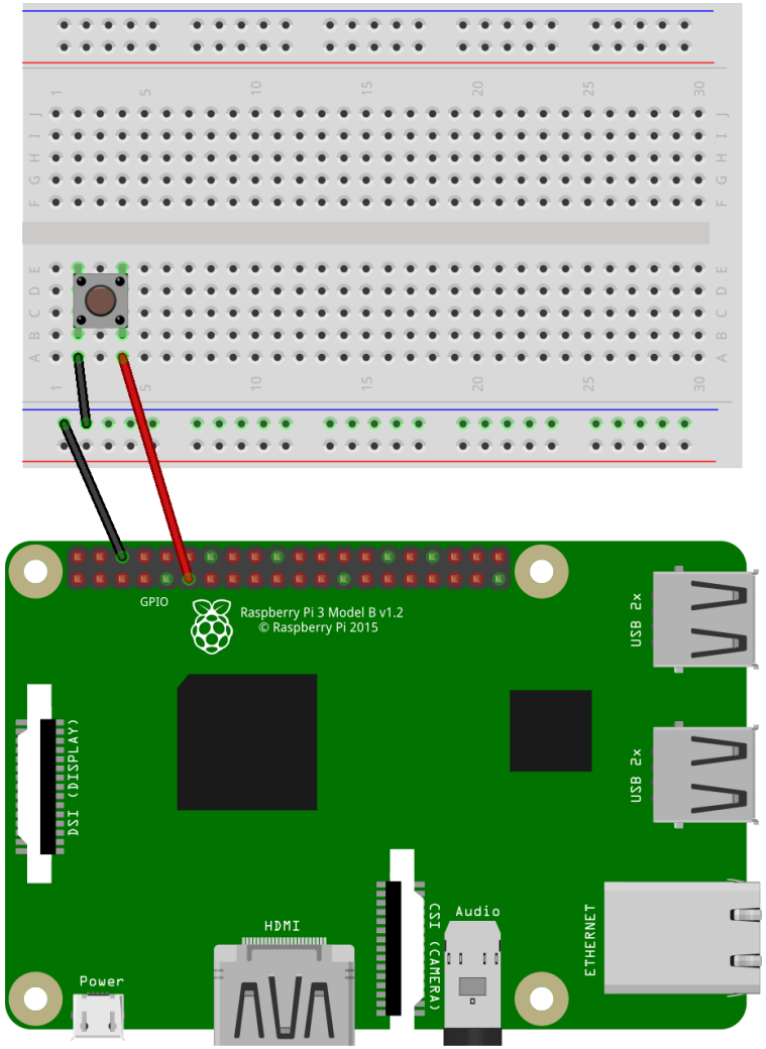
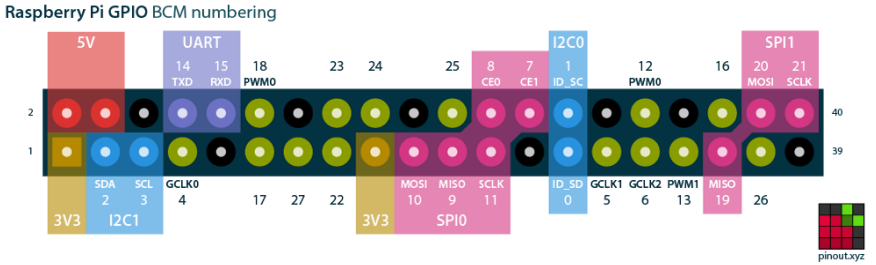
USING BUTTONS: LEARN RESOURCE

BUILD THE CIRCUIT



GPIO REFERENCE



YOU WILL NEED

- RASPBERRY PI WITH POWER
- BREADBOARD
- 1 BUTTON
- 1 MALE TO MALE WIRE
- 2 MALE TO FEMALE WIRES
- SCREEN, KEYBOARD, MOUSE

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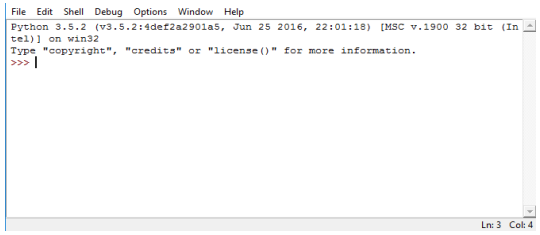
MAIN ACTIVITY

1. On the top right hand corner of your screen, click the Raspberry Logo then select programming and then Python 3. You should now see the Python Shell window.



2. Now, click file then new file. In the new window select File then Save As and call it controllingleds.py .

Let's Code

3. Lets get coding. If you want to do more with buttons, check out our Button Inputs sheet on our website.

4. Press CTRL+S on your keyboard to save the file. Then press F5 on your keyboard to run the code. You should see when you press the button the screen print out Success in blue. To stop the code press CTRL+C on your keyboard to stop it.

Not Work? Look at our troubleshooting guide on the website.

```
from edupython import kit1


kit1.button.pressed()
print("Success")
```