Test Author: David Dinh/Jonathan Cruz						
	Test Case Name:	Programmable Marcopad Test 01			**Test ID #:**	PMP-T01
	Description:	*Test baseline code to get the Arduino Pro Micro to register mechanical switch actuations. This will be built on breadboard*			**Type:**	✔ white box □ black box □ _____
Tester Information						
	Name of Tester:	Jonathan Cruz			**Date:**	11/24/22
	HW/SW Version:	Team01 Macropad 01			**Time:**	4:00PM
	Setup:	*Six mechanical switches wired on breadboard to Arduino Pro Micro as instructed by schematic*				
STEP	**Action**	**Expected Result**	**PASS**	**FAIL**	**N/A**	**Comments**
1	Build prototype with six mechanical switches + Arduino	Prototype should match schematic.	✔			
2	Write program to register switch actuation	Program should compile with no errors and use a matrix for pinout of switches	✔			
3	Upload program to Arduino and test each switch	Each should should register when pressed (and does not register any unpressed switches)	✔			
4	Test debouncing of switches by rapidly pressing multiple switches at once	Switches should only register once per press and not ‘bounce’.	✔			
	Overall test result:		✔			

`

Test Author: Danny Tran						
	Test Case Name:	Programmable Marcopad Test 02			**Test ID #:**	PMP-T02
	Description:	*Test baseline code to interface with the hardware correctly. This will be built on the breadboard*			**Type:**	✔ white box □ black box □ _____
Tester Information						
	Name of Tester:	Jonathan Cruz			**Date:**	11/24/22
	HW/SW Version:	Team01 Macropad 02			**Time:**	5:30PM
	Setup:	*Six mechanical switches + OLED + RGB LEDs + Reset Button on breadboard*				
STEP	**Action**	**Expected Result**	**PASS**	**FAIL**	**N/A**	**Comments**
1	Update prototype to include OLED, RGB LEDs, and Reset button	Prototype should match schematic. Reset button should work as intended. OLED and RGB LEDs should have power.	✔			
2	Write program to enable and display visuals on OLED	Program should compile without error and build a .hex file	✔			
3	Write program to enable and configure RGB LEDs	Program should compile without error and build a .hex file	✔			Had to clear the EEPROM in order to change default LEDs
4	Upload program to pro micro	OLED should be display QMK logo when powered on, RGB LEDs should also be powered on	✔			
5	Press the reset switch	Macropad should reboot, windows disconnect sound should play, QMK logo should be display again	✔			
6						
	Overall test result:		✔			

Test Author: David Dinh						
	Test Case Name:	Programmable Marcopad Test 03			**Test ID #:**	PMP-T03
	Description:	*Test baseline code to display visuals on OLED screen*			**Type:**	✔ white box □ black box □ _____
Tester Information						
	Name of Tester:	Jonathan Cruz			**Date:**	11/24/22
	HW/SW Version:	Team01 Macropad 03			**Time:**	5:45PM
	Setup:	*Wire OLED screen as directed by manufacturer and Adafruit on breadboard.*				

STEP	**Action**	**Expected Result**	**PASS**	**FAIL**	**N/A**	**Comments**
1	Wire OLED to breadboard + Arduino	Prototype should match schematic	✔			
2	Upload test code provided by Adafruit	Screen should turn on and display “Hello World”	✔			
3	Upload bongocat gif to OLED	Bongocat should bongo	✔			
4						
	Overall test result:		✔			