import time

brightness = 5

min\_brightness = 1

max\_brightness = 10

step = 2

print("LED Brightness Control\n")

print("Commands: + (increase), - (decrease), q (quit)\n")

while True:

print(f"Brightness: {'█' \* brightness} ({brightness})")

command = input("Enter command: ")

if command == '+':

if brightness + step <= max\_brightness:

brightness += step

else:

print("Reached max brightness!")

elif command == '-':

if brightness - step >= min\_brightness:

brightness -= step

else:

print("Reached min brightness!")

elif command == 'q':

print("Exiting...")

break

else:

print("Invalid command! Use +, -, or q.")

time.sleep(0.5)