

```
# LED Brightness Control
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```
MIN_BRIGHTNESS = 1
MAX_BRIGHTNESS = 10
STEP_SIZE = 1
brightness = MIN_BRIGHTNESS
print("LED Brightness Control")
print("Commands: '+' to increase, '-' to decrease, 'exit' to stop\n")
```

```
while True:
    print(f"Brightness Level: {brightness} | {'*' * brightness}")
    command = input("Enter command (+/-/exit): ").strip().lower()
    if command == "+":
        if brightness + STEP_SIZE <= MAX_BRIGHTNESS:
            brightness += STEP_SIZE
        else:
            print("Reached Maximum Brightness!")
    elif command == "-":
        if brightness - STEP_SIZE >= MIN_BRIGHTNESS:
            brightness -= STEP_SIZE
        else:
            print("Reached Minimum Brightness!")
    elif command == "exit":
        print("Exiting LED Brightness Control...")
        break
    else:
        print("Invalid command! Use '+' to increase, '-' to decrease, or 'exit' to quit.")
```

```
*** LED Brightness Control
Commands: '+' to increase, '-' to decrease, 'exit' to stop
```

```
Brightness Level: 1 | *
Enter command (+/-/exit): +
Brightness Level: 2 | **
Enter command (+/-/exit): -
Brightness Level: 1 | *
Enter command (+/-/exit): 
```

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