

Summary of the Final Evaluation

What Was Learned

- The AT command sequence must follow a logical and correct order for successful SMS operations.
- AT confirms modem/emulator responsiveness.
- AT+CSQ is useful to check signal quality before attempting SMS operations.
- AT+CMGF=1 sets the modem to text mode, which is necessary before using CMGS.
- AT+CMGS enables sending SMS, and the > prompt indicates readiness to input the message.
- Understanding the role of index-based message retrieval using AT+CMGR.

Errors Encountered

- The command AT+CMGR=1 returned an ERROR instead of the expected SMS content.
- Cause: The AT Emulator does **not support persistent SMS storage**, so no message was available to read.
- This limitation prevented validation of SMS retrieval functionality.
-

Workarounds / Notes

- Verified that message sending (AT+CMGS) completes successfully, so the issue lies in **message retrieval**, not transmission.
- A more advanced emulator or real module would be needed to fully test SMS storage and reading features.