FUNCTION delete\_student(db) :

IF db == NULL THEN RETURN NULL\_CONNECTION

END IF

PRINT "Enter register ID to delete : "

GET INPUT register\_id

IF input not valid THEN

PRINT error message

CLEAR input buffer

RETURN SQLITE\_ERROR

END IF

SQL\_CHECK = "SELECT register\_id, name, age FROM students WHERE register\_id = ?"

PREPARE check\_stmt WITH SQL\_CHECK

IF preparation fails THEN

PRINT error message

RETURN error code

END IF

BIND register\_id TO check\_stmt

EXECUTE check\_stmt

IF check\_stmt fails THEN

PRINT "Register ID not found."

FINALIZE check\_stmt

RETURN SQL\_ERROR

END IF

PRINT "Register ID : ", GET register\_id from row

PRINT "Name : ", GET name from row

PRINT "Age : ", GET age from row

FINALIZE check\_stmt

PRINT "Are you sure you want to delete this student? (y/n) : "

INPUT confirm

IF confirm not 'y' AND 'Y' THEN

PRINT "Deletion canceled."

RETURN OK

END IF

SQL\_DELETE = "DELETE FROM students WHERE register\_id = ?"

PREPARE delete\_stmt WITH SQL\_DELETE

IF preparation fails THEN

PRINT error message

RETURN error code

END IF

BIND register\_id TO delete\_stmt

EXECUTE delete\_stmt

IF delte\_stmt fails THEN

PRINT "Failed to delete student."

FINALIZE delete\_stmt

RETURN SQL\_ERROR

END IF

FINALIZE delete\_stmt

PRINT "Student deleted successfully."

RETURN SQLITE\_OK

END FUNCTION