import sqlite3

def create\_database():

conn = sqlite3.connect('students.db')

cursor = conn.cursor()

cursor.execute('''

     CREATE TABLE IF NOT EXISTS students (

         id INTEGER PRIMARY KEY AUTOINCREMENT,

         name TEXT NOT NULL,

         student\_id TEXT NOT NULL,

         birth\_date TEXT NOT NULL

     )

''')

conn.commit()

conn.close()

def insert\_student(name, student\_id, birth\_date):

conn = sqlite3.connect('students.db')

cursor = conn.cursor()

# Using parameterized query to prevent SQL injection

cursor.execute('''

     INSERT INTO students (name, student\_id, birth\_date)

     VALUES (?, ?, ?)

''', (name, student\_id, birth\_date))

conn.commit()

conn.close()

def main():

create\_database()

name = input("Enter student's name: ")

student\_id = input("Enter student ID: ")

birth\_date = input("Enter birth date (YYYY-MM-DD): ")

insert\_student(name, student\_id, birth\_date)

print("Student information added successfully!")

if \_\_name\_\_ == "\_\_main\_\_":

main()