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import sqlite3

# SQLite 데이터베이스 연결 설정
conn = sqlite3.connect('map_data.db')
cursor = conn.cursor()

# <USER> 테이블 생성
cursor.execute('''
    CREATE TABLE IF NOT EXISTS users (
        user_id INTEGER PRIMARY KEY AUTOINCREMENT,
        name TEXT
    )
''')

# <즐거찾기> 테이블 생성
cursor.execute('''
    CREATE TABLE IF NOT EXISTS bookmarks (
        bookmark_id INTEGER PRIMARY KEY AUTOINCREMENT,
        user_id INTEGER,
        place TEXT,
        FOREIGN KEY(user_id) REFERENCES users(user_id)
    )
''')

# <장애물 for 알고리즘> 테이블 생성
cursor.execute('''
    CREATE TABLE IF NOT EXISTS obstacles (
        obstacle_id INTEGER PRIMARY KEY AUTOINCREMENT,
        name TEXT,
        coordinates TEXT,
        size INTEGER,
        type TEXT,
        weight INTEGER
    )
''')

# <시설 정보 for map> 테이블 생성
cursor.execute('''
    CREATE TABLE IF NOT EXISTS facilities (
        facility_id INTEGER PRIMARY KEY AUTOINCREMENT,
        name TEXT,

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        coordinates TEXT,  
        location TEXT,  
        type TEXT  
    )  
''')
```

샘플 데이터 삽입

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cursor.execute("INSERT INTO users (name) VALUES ('John')")
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cursor.execute("INSERT INTO bookmarks (user_id, place) VALUES (1, 'Favorite  
Place')")
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cursor.execute("INSERT INTO obstacles (name, coordinates, size, type, weight)  
VALUES ('Obstacle A', '37.567,126.978', 5, 'Wall', 3)")
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```
cursor.execute("INSERT INTO facilities (name, coordinates, location, type) VALUES  
('Facility A', '37.568,126.979', 'Indoor', 'Cafe')")
```

변경 내용 저장

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conn.commit()
```