

```

1 import sqlite3
2 # conn = sqlite3.connect("database.db")
3 # c = conn.cursor()
4 # db = sqlite3.connect("dbse.db")
5 # cursor= db.cursor()
6 # cursor.execute("CREATE TABLE IF NOT EXISTS Myt (Var TEXT, Test REAL)")
7 # variable = 1
8 # var1 = 'Variable1'
9 # cursor.execute('INSERT INTO Myt VALUES (?,?)', (var1, variable,))
10 # db.commit()
11
12 def write_to_db(x,y):
13     #try these
14     path = '../database/database.db'
15     conn = sqlite3.connect(path)
16     # conn = sqlite3.connect("database.db")
17     c = conn.cursor()
18     c.execute("CREATE TABLE IF NOT EXISTS Variables (Variable TEXT, Value REAL)")
19     # c.execute('INSERT INTO Variables VALUES (?,?)', (x, y,))
20     # c.execute('INSERT OR REPLACE INTO Variables VALUES ((?,?) ' (x, y) )
21
22     c.execute("SELECT * FROM Variables where Variable=?", ([x]))
23     data = c.fetchall()
24     if not data:
25         # print ('not found')
26         c.execute('INSERT INTO Variables VALUES (?,?)', (x, y,))
27
28     else:
29         # print ('found')
30         c.execute(" UPDATE Variables SET Value=? WHERE Variable = ? ", (y,x))
31
32     conn.commit()
33     c.close()
34     conn.close()
35
36 def read_from_db(x):
37     conn = sqlite3.connect("../database/database.db")
38     c = conn.cursor()
39     # sql = "SELECT * FROM Variables WHERE Variable=?"
40     # c.execute(sql, [(x)])
41     c.execute("SELECT * FROM Variables WHERE Variable=?",([x]))
42     for row in c.fetchall():
43         return (row[1])
44
45     conn.commit()
46     c.close()
47     conn.close()
48
49 """ How this should be used """
50 # variable = 1
51 # variable1 = 15
52 # writedb('variable',variable)
53 # writedb('variable1',variable1)
54 # read_from_db('variable1')

```