

()

- description : ()
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()

sound 가 resource

DB

sound.zip

```

# Section13-2
#
#          DB

import random
import time
#
import winsound
import sqlite3
import datetime

# DB & Autocommit
#      DB
# conn = sqlite3.connect('          /records.db', isolation_level=None)
conn = sqlite3.connect('D:/python/python_bnasic/resource/records.db',
isolation_level=None)
# isolation_level=None ->

# Cursor

```

```
cursor = conn.cursor()

#           (Datatype : TEXT NUMERIC INTEGER REAL BLOB)
cursor.execute(
    "CREATE TABLE IF NOT EXISTS records(id INTEGER PRIMARY KEY
    AUTOINCREMENT, cor_cnt INTEGER, record text, regdate text)"
)

words = [] #           (1000 )

n = 1 #
cor_cnt = 0 #

with open('./resource/word.txt', 'r') as f: # txt
    for c in f:
        words.append(c.strip())

# print(words) #

input("Ready? Press Enter Key!") # Enter Game Start!

start = time.time() # Start Time

while n <= 5: # 5
    random.shuffle(words) # List shuffle!
    q = random.choice(words) # List -> words random extract!

    # print()

    print("*Question # {}".format(n))
    print(q) #

    x = input() #

    # print()

    if str(q).strip() == str(x).strip(): # ( )
        winsound.PlaySound( #
            './sound/good.wav',
            winsound.SND_FILENAME
        )
        print("Pass!")
        cor_cnt += 1 #

    else:
        winsound.PlaySound( #
            './sound/bad.wav',
            winsound.SND_FILENAME
        )
```

```

        print("Wrong!")

    n += 1                                #

end = time.time()                        # End Time
et = end - start                          #

et = format(et, ".3f")                    #           ( )

print()
print('-----')

if cor_cnt >= 3:                          # 3
    print("    :    ")
else:
    print("    ")

#      DB
cursor.execute(
    "INSERT INTO records('cor_cnt', 'record', 'regdate') VALUES (?, ?, ?)",
    (
        cor_cnt, et, datetime.datetime.now().strftime('%Y-%m-%d %H:%M:%S'),
    )
)

#
conn.close()

#
print("    : ", et, " ", "    : {}".format(cor_cnt))

```

Ready? Press Enter Key!

```

*Question # 1
configurations
con
Wrong!
*Question # 2
connector
connector
Pass!
*Question # 3
fit
fit
Pass!
*Question # 4
nose
no

```

Wrong!
*Question # 5
impressed
impressed
Pass!

:
: 35.729 : 3

Tip

, python

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