

()

- 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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