(2) [illegible]

[illegible] (قسمت [illegible])

[illegible]

این مقاله یکی از قسمت‌های سلسله مقالاتی برای آشنایی و آموزش زبان پایتون است. این مجموع پیش از این در ماهنامه شبکه منتشر شده اما به سایت جدید منتقل نشده بود. با توجه به اهمیت موضوع و درخواست‌های مکرر خوانندگان، این مجموعه را به سایت مجله اضافه می‌کنیم و امیدواریم که مورد توجه علاقمندان قرار بگیرد.

[illegible]

```
import apsw
```

```
import string

class CookBook:
def __init__(self):
pass
def All(self):
pass
def Search(self):
pass
def Show(self,which):
pass
def Add(self):
pass
def Delete(self,which):
pass

def Menu():
ckb= CookBook()
loop=True
while loop:
print “********************”
print “* Recipe Database  *”
print “********************”
print “  1-Show all”
print “  2-Search for a recipe”
print “  3-Show a recipe”
print “  4-Add a recipe”
print “  5-Delete a recipe”
print “  0-Exit”
print “********************”
response= raw_input(“  Enter your selection: “)
if response == ‘1’:
pass
elif response == ‘2’:
pass
elif response == ‘3’:
pass
elif response == ‘4’:
pass
elif response == ‘5’:
pass
elif response == ‘0’:
print “\n\tGoodbye”
loop=False
else:
print “\nUnrecognized command. Try again.\n\n”

Menu()
```

```
def __init__(self):
    global connection
    global cursor
    self.totalCount=0
    connection = apsw.Connection("cookbook1.db3")
    cursor=connection.cursor()
```

-2 [illegible] **Cook Book** [illegible]

```
def All(self):
    print "\n\nNumber \tName \t\tServes \t\tSource"
    print "-"*55
    sql = "SELECT * FROM Recipes"
    cntr=0
    for x in cursor.execute(sql):
        cntr += 1
        print "%s \t%s \t%s \t\t%s" %(x[0],x[1],x[2],x[3])
    print "-"*55
    self.totalCount = cntr
    print "Total number of items: %s" %cntr
```

-3 [illegible]

[illegible] CookBook.py [illegible]

[illegible]

[illegible] __init__ [illegible] 2 [illegible] 1 [illegible]

[illegible] global [illegible] cookbook1.db3 [illegible]

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```
ckb.All()
temp = raw_input("Press any key\ to continue...")
```

Recipes □□□□ □□□□□□□ □□□□ □ □□□□□□□ □□□□□□□ __init__ □□□□□ □□ □□□ □□□□□ cursor □□ □□ □□□□ □□□ □□ □□ print □□□□□ □□ □□□ □□□□□□□ □□□□□□□□□□□ □□ □□ □□□□□□ □□□□ □□□□ □□ □□ □□□ □□□□□□□□ □□□□□□□□ □□ □□□□ □□□□□□ □□□□□□ apsw □□ □□□□□ □□□ □□ .□□□□□□□ □□□ □□□□ □□□□□□ (□□□□□□ □□□□ □□ □□ □□□□□ □□) □□ .□□□□□□□ □□□□□□□ ...□ x[1] □ x[0] □□ □□ □□□□□ □□□□ □□ □□□□□□□□□□□□□ □□ □□ □□□□ □□□□ □□ □□ □□ □□□□□□ □□□ □□□□□□ □□□□□□ □ □□ □□ 11 □□□□□ □□□ □□□□□□ □□□□□□□ □□ □□□□□ Recipes □□□□ □□ □□□□□ □□□□□□□ □□ □□□□□ □□□ □□ .□□□□□□□ □□□□□ □□□ □□□□□□

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```
    sql = “SELECT pkID , name FROM Recipes WHERE name like\ ‘%%%s%%’” %term
    for x in cursor.execute(sql):
        self.Show(x[0])
```

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```
def Show(self,which):
    sql = “SELECT * FROM Recipes WHERE pkID = %s” %str(which)
    print “\n”
    print “=”*55
    for x in cursor.execute(sql):
        print “Title: %s \t Serves: %s \t Source: %s”\ %(x[1],x[2],x[3])

    sql = “SELECT * FROM Ingredients WHERE pkID = %s” %str(which)
    print “\nIngredients:”
    for x in cursor.execute(sql):
        print x[1]

    sql = “SELECT * FROM Instructions WHERE pkID = %s” %str(which)
    print “\nInstructions:”
    for x in cursor.execute(sql):
        print x[1]
    print “=”*55
    print “\n”
```

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```
ckb.All()
temp = raw_input(“What to show:”)
ckb.Show(temp)
```

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```
def Add(self):
    ings = “”
    lastid = 0
    recipename=raw_input(‘Enter Recipe Title -> ‘)
    recipesource=raw_input(“Enter Recipe Source -> “)
    recipeserves=raw_input(“Enter number of servings -> “)
    while True:
        ing = raw_input(‘Enter Ingredient (“0” to exit) -> ‘)
        if ing != ‘0’:
```

```
                ings = ings + ing + “, “
            else:
                break
        instructions = raw_input(‘Enter Instructions -> ‘)
        print ‘=’*55
        print “Here›s what we have so far”
        print “Title: %s” % recipename
        print “Source: %s” % recipesource
        print “Serves: %s” % recipeserves
        print “Ingredients: %s” % ings
        print “Instructions: %s” % instructions
        print ‘=’*55
        resp = raw_input(“OK to save? (Y/n) -> “)
        if resp.upper() != ‘N’:
            #connection=apsw.Connection(“cookbook1.db3”)
            #cursor=connection.cursor()
            # Write the Recipe Record
            sql = ‘INSERT INTO Recipes (name,serves,source) VALUES\ (“%s”,”%s”,”%s”)’
%(recipename,recipeserves,recipesource)
            cursor.execute(sql)
            # Get the new Recipe pkID
            sql = “SELECT last_insert_rowid()”
            cursor.execute(sql)
            for x in cursor.execute(sql):
                lastid = x[0]
                print “last id = %s” % lastid
            # Write the Instruction Record
            sql = ‘INSERT INTO Ingredients (recipeID,ingredients)\ VALUES (%s,”%s”)’ % (lastid,x)
            cursor.execute(sql)
            # Write the Ingredients records
            sql = ‘INSERT INTO Instructions (recipeID,instructions)\ VALUES( %s,»%s»)’
%(lastid,instructions)
            cursor.execute(sql)
            # Prompt the user that we are done
            print ‘Done\n’
        else:
            print ‘Save aborted\n’
```

-6 [illegible]

[illegible]

[illegible] 6 [illegible] ings [illegible] while [illegible] 0 [illegible] 14 [illegible] 21 [illegible] 13 [illegible] 14 [illegible] 1 [illegible] 2 [illegible] 6 [illegible]

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