

## Homework 1:

### Phone Address Book

A dictionary is like an address-book where you can find the address or contact details of a person by knowing only his/her name e.g. associate keys (name) with values (details). Note the key must be unique just like you cannot find out the correct information if you have two persons with the exact same name.

Now we have a sample data named in `address_book.csv`, which contains the address, and name information of each phone number owner. {"Phone Number":0928123456, "Address": "Outer Space", "Name": "ET" }, since the management of address book can be rather complicated, we would like to implement a database like program using dictionary in python. Therefore, the mission of this homework is to implement several functions in a python script, so that you can operate data like using a non-transactional database.

### Program Name:

`addressbook.py`

### Input CSV:

`address_book.csv`

### Please implement the following function:

#### # read data from a given

```
def readAddress(filename)
    return
```

#### # insert user information

```
def insertAdress(phone, address, name):
    return
```

#### # search user information

```
def findAddress(phone):
    return
```

### **#update user information**

```
def updateAddress(phone, address, name):  
    return
```

### **#delete user information**

```
def deleteAddress(phone):  
    return
```

### **#Dump (Print all user information) database information**

```
def dumpDB():  
    return
```