

#利用字典将两个通讯录文本合并为一个文本

```
def main():
    ftele2=open('TeleAddressBook.txt','rb')
    ftele1=open('EmailAddressBook.txt','rb')

    ftele1.readline()#跳过第一行
    ftele2.readline()
    lines1 = ftele1.readlines()
    lines2 = ftele2.readlines()

    dic1 = {}    #字典方式保存
    dic2 = {}

    for line in lines1:#获取第一个本文中的姓名和电话信息
        elements = line.split()
        #将文本读出来的bytes转换为str类型
        dic1[elements[0]] = str(elements[1].decode('gbk'))

    for line in lines2:#获取第二个本文中的姓名和电话信息
        elements = line.split()
        dic2[elements[0]] = str(elements[1].decode('gbk'))

    ###开始处理###
    lines = []
    lines.append('姓名\t    电话    \t    邮箱\n')

    for key in dic1:
        s= ''
        if key in dic2.keys():
            s = '\t'.join([str(key.decode('gbk')), dic1[key], dic2[key]])
            s += '\n'
        else:
            s = '\t'.join([str(key.decode('gbk')), dic1[key], str('    -----    ')])
            s += '\n'
        lines.append(s)

    for key in dic2:
        s= ''
        if key not in dic1.keys():
            s = '\t'.join([str(key.decode('gbk')), str('    -----    '), dic2[key]])
            s += '\n'
        lines.append(s)

    ftele3 = open('AddressBook.txt', 'w')
    ftele3.writelines(lines)

    ftele3.close()
    ftele1.close()
    ftele2.close()
    print("The addressBooks are merged!")

if __name__ == "__main__":
    main()
```