实验报告

实验名称：制作英文词典

实验步骤：

import os

def useroperateinterface():

print("\n请选择词典的功能")

print("a:添加单词")

print("b:查询单词")

print("c:退出词典")

print("请选择功能:")

return input

def addword(worddict:dict,filename):

str = input("请输入要加入的单词:")

if str in worddict.keys():

print("该单词已添加到词库\n")

useroperateinterface()

else:

t = input("请输入该单词的中文释义:")

worddict[str] = t

with open (filename,"a") as fw:

fw.write(str + "" + t + '\n')

def selectword(worddict:dict):

str = input("请输入要查询的单词:")

if str not in worddict.keys():

print("词典库中未找到该单词\n")

else:

print(worddict[str])

def main():

worddict = {}

if os.path.exists("dict.txt"):

with open("dict.txt","r") as fr:

for In in fr :

s = In.split("")

worddict[s[0]] = s[1]

else:

fw = open ("dict.txt","w")

fw.close()

print("\*\*\*\*\*\*\*欢迎使用词典\*\*\*\*\*\*\*\*")

while True:

op = useroperateinterface()

if op == 'a':

addword(worddict,'dict.txt')

elif op == 'b':

selectword(worddict)

elif op == "c":

break

else:

print("输入有误\n")

main()

实验结果：通过定义不同参数，完成对词典不同功能的设置，采用if—elif条件语句完成对不同功能的选择。