

作业10

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2022年5月22号

- 要求
- 代码

要求

将前次作业客服机器人GUI化，另要求如下：

- GUI应至少有2个窗口；
- 一个窗口为登录窗口，可以获取用户账户名和密码，并拥有登录机制；
- 第二个窗口为反馈窗口，可以根据用户问题进行反馈答案；
- 所有数据得从数据库获取。

代码

 开始事务	 文本	 筛选	 排序	 导入
ID	NAME	PRICE	COMPANY	
89757	手机	6000	百世汇通	
1234	电脑	10000	圆通	
89756	打印机	120000	菜鸟驿站	
1235	红酒	100	中通	
▶ 12138	主机	100000	邮政	
1111	眼镜	200	邮政	

ma	STATE	START_TIME	END_TIME	START_LOCAL	END_LOCAL	ACCOUNT	SAVE	COMPLAINTS	PASSWORD
	拣货	4.1	4.3	深圳	珠海	miss/20210307	优惠	投诉	1111
	发货	4.2	4.4	上海	武汉	104920	优惠	投诉	2222
	拣货	5.1	5.2	珠海	上海	miss/20210307	优惠	投诉	1111
	发货	5.2	5.4	北京	兰州	104920	优惠	投诉	2222
	▶ 送货	4.3	5.2	天津	广州	vscode	优惠	投诉	3333
	到货	3.2	3.9	武汉	惠州	pycharm	优惠	投诉	4444

你需要发票，请联系人工客服"

客服小

r()

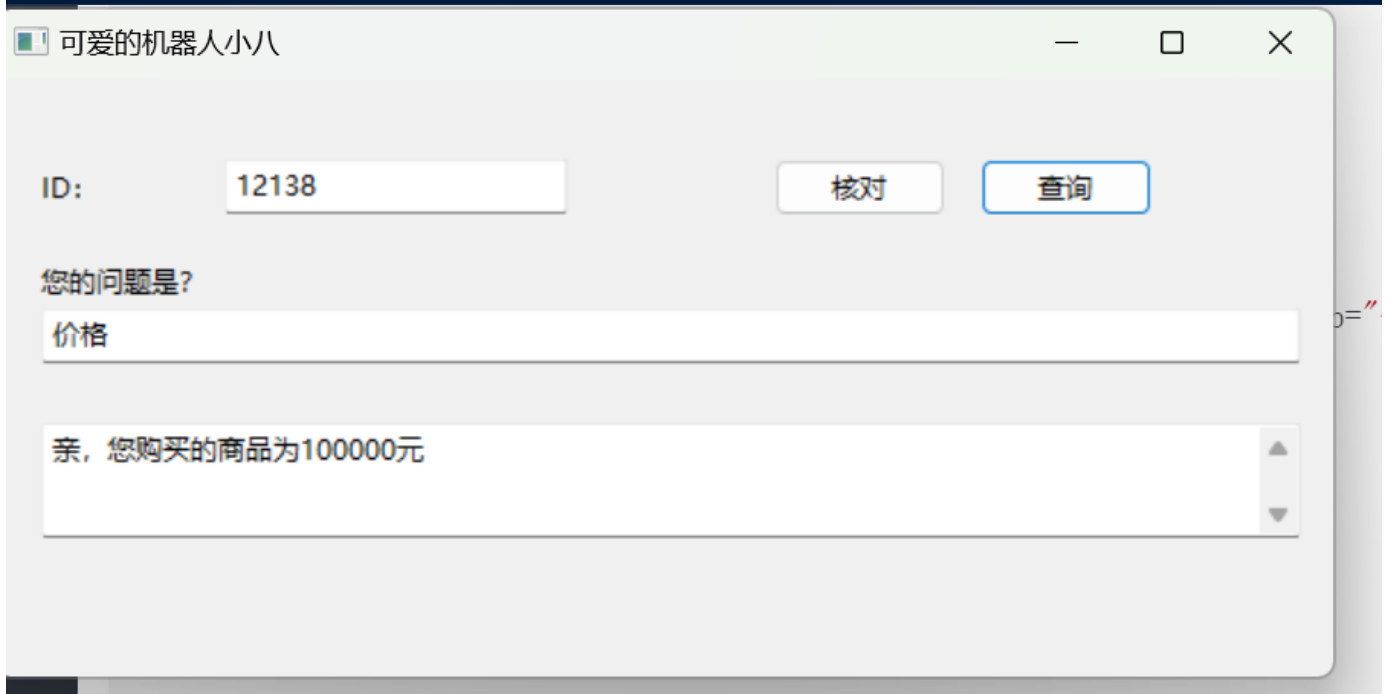
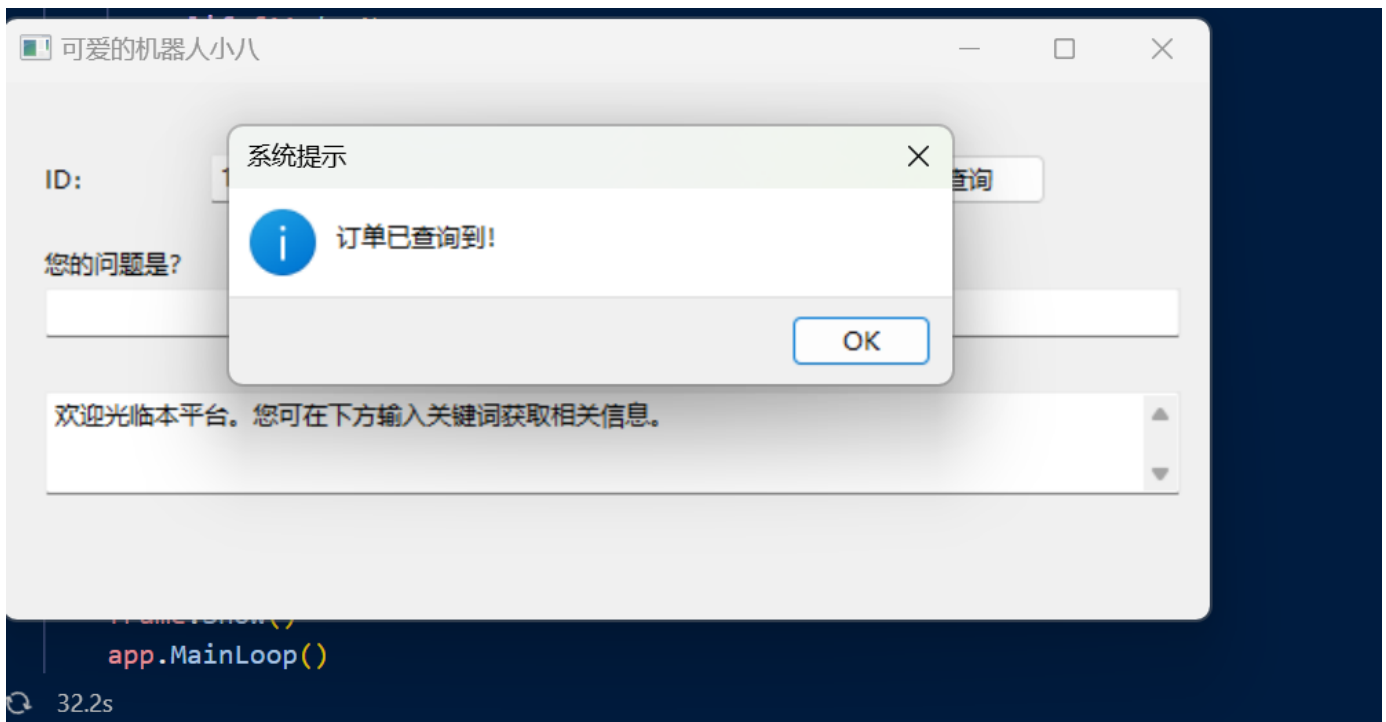
blue(a

用户登录

— □ ×

请输入账号密码以登录

登录



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import re
import wx
import pymysql

class MyFrame(wx.Frame):
    def __init__(self, parent, id):
        wx.Frame.__init__(self, parent, id, '用户登录', size=(400, 250))
        self.panel = wx.Panel(self)
        self.title = wx.StaticText(
            self.panel, label="请输入账号和密码", pos=(125, 15))
        self.account_input = wx.TextCtrl(
            self.panel, pos=(60, 40), size=(250, 25))
        self.password_input = wx.TextCtrl(self.panel, pos=(
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        60, 80), size=(250, 25), style=wx.TE_PASSWORD)
self.button_login = wx.Button(self.panel, label="登录", pos=(130, 140))
self.button_login.Bind(wx.EVT_BUTTON, self.login)

def login(self, event):
    global account_input
    self.account_input = self.account_input.GetValue()
    password_input = self.password_input.GetValue()
    result_input = (self.account_input, password_input)
    # print(result_input)
    conn = pymysql.connect(host="localhost", user="root",
                           password="1024", db="作业", charset='utf8') # 连接
    cur = conn.cursor() # 游标
    sql = "select ACCOUNT,PASSWORD from goods"
    cur.execute(sql)
    # 运行
    result1 = cur.fetchall()
    # print(result1)
    cur.close()
    conn.close()
    if result_input in result1:
        self.Destroy() # 事件停止后是否删除顶层窗口
        frame = wx.Frame(None, title="可爱的机器人小八",
                          pos=(100, 200), size=(600, 300))
        self.panel = wx.Panel(frame)
        self.title = wx.StaticText(
            self.panel, label="您的问题是? ", pos=(20, 80))
        self.input_path = wx.TextCtrl(
            self.panel, pos=(20, 100), size=(550, 24))
        self.title1 = wx.StaticText(
            self.panel, label="ID: ", pos=(20, 39))
        self.id_input = wx.TextCtrl(
            self.panel, pos=(100, 35), size=(150, 24))
        self.button_inquire = wx.Button(
            self.panel, label="查询", pos=(430, 35))
        self.button_check = wx.Button(
            self.panel, label="核对", pos=(340, 35))
        self.button_check.Bind(wx.EVT_BUTTON, self.check)
        self.button_inquire.Bind(wx.EVT_BUTTON, self.inquire)
        self.output_text = wx.TextCtrl(self.panel, pos=(
            20, 150), size=(550, 50), style=wx.TE_MULTILINE)
        conn = pymysql.connect(
            host="localhost", user="root", password="1024", db="作业",

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charset='utf8') # 连接
    cur = conn.cursor()
    sql4 = '''select NAME,COMPANY from goods'''
    cur.execute(sql4)
    result1 = cur.fetchall()
    qw_1 = (self.account_input, None)
    if qw_1 in result1:
        welcome_message = '欢迎。'
    elif qw_1 not in result1:
        welcome_message = '欢迎！您可在下方输入关键词获取相关信息，询问客服小
八。'

    self.output_text.SetValue("".join(welcome_message))
    frame.Show()
else:
    message1 = "您输入的用户名或密码错误。\\n请重试"
    title1 = "请注意"
    wx.MessageBox(message1, title1)

def check(self, event):
    id_1 = self.id_input.GetValue()
    id_number = id_1
    result2 = (id_number, self.account_input)
    conn = pymysql.connect(host="localhost", user="root",
                           password="1024", db="作业", charset='utf8') # 连接
    cur = conn.cursor()
    sql5 = '''select ID,ACCOUNT from goods'''
    cur.execute(sql5)
    qw_2 = cur.fetchall()
    # print(qw_2)
    if result2 not in qw_2:
        message4 = "信息核对有误"
        title4 = "系统提示"
        wx.MessageBox(message4, title4)
    elif result2 in qw_2:
        message5 = "订单已查询到！"
        title5 = "系统提示"
        wx.MessageBox(message5, title5)
    sql6 = "select * from goods where ID = " + \
        str(id_number) + " and ACCOUNT = " + "" + str(self.account_input) + ""
    cur.execute(sql6)
    result3 = cur.fetchall()
    self.result_deal = result3[0]

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conn.close()

def inquire(self, event):
    question = self.input_path.GetValue()
    number = self.result_deal[0]
    thing = self.result_deal[1]
    price = self.result_deal[2]
    company = self.result_deal[3]
    state = self.result_deal[4]
    start_time = self.result_deal[5]
    end_time = self.result_deal[6]
    start_local = self.result_deal[7]
    end_local = self.result_deal[8]
    f1 = re.search(r"是.+商品|我买的是+. |我的商品是.+什么? |我的商品是.*?",
question)
    f2 = re.search(r"(多贵|金额|价格|钱)", question)
    f3 = re.search(r"(家).+(快递)|(快递公司)", question)
    f4 = re.search(r"(投诉)", question)
    f5 = re.search(r"((发货).+(地址)|(在哪发货))|. +发货地址.+", question)
    f6 = re.search(
        r"((送货|到货).*(地址|地点)|(送到哪)|(寄到哪力)|(哪个快递站点.*))",
question)
    f7 = re.search(r".*(出库的时间|出货的时间|出厂的时间|发货的时间).+",
question)
    f8 = re.search(r"(订单|定单|货物|商品|快递).*(怎么样了|状态|怎么了|到哪里了|
到哪一步)", question)
    f9 = re.search(r"多.+到|. +时候到|. +快递多久|最快几号到", question)
    f10 = re.search(r"(7天无理由|7天无条件)", question)
    f11 = re.search(r"(优惠|优惠券)", question)
    f12 = re.search(r"(发票)", question)
    f13 = re.search(r"ID,id", question)

    if f1 != None:
        answer = "亲，您购买的商品是" + thing
    elif f2 != None:
        answer = "亲，您购买的商品为" + price + "元"
    elif f3 != None:
        answer = "亲，您的快递是" + company
    elif f4 != None:
        answer = "亲！请您千万不要投诉我，我是小可怜！"
    elif f5 != None:
        answer = "亲，您的快递在" + start_local + "发货"
    elif f6 != None:

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        answer = "亲，您购买的商品将送到" + end_local
    elif f7 != None:
        answer = "亲，您的快递在" + start_time + "发货"
    elif f8 != None:
        answer = "亲，您的快递在" + state
    elif f9 != None:
        answer = "亲，您的快递估计在" + end_time + "到达"
    elif f10 != None:
        answer = "亲，我们无条件支持7天无理由退货的哦。"
    elif f11 != None:
        answer = "亲！联系人工客服，以获得更多优惠消息。"
    elif f12 != None:
        answer = "亲！如果你需要发票，请联系人工客服"
    elif f13 != None:
        answer = number
    else:
        answer = "对不起，客服小八没有理解！现在为您转接到人工客服"
    self.output_text.Clear()
    self.output_text.SetValue(answer)
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if __name__ == "__main__":
    app = wx.App()
    frame = MyFrame(None, -1)
    frame.Show()
    app.MainLoop()
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