```python
"""
    模拟银行管理系统
    功能菜单
        1. 开户
        2. 存款
        3. 取款
        4. 转账
        5. 查询
        6. 退出
"""
import getpass
MENU = {
    "create_account":"开户",
    "save_money":"存款",
    "withdraw_money":"取款",
    "transfer_money":"转账",
    "query_account":"查询",
    "exit_system":"退出"
    }
CARDIDS = "6666"
CARDNUM = "11111"
CARDIDE = "0000"
card = [{'id': '6666111110000', 'name': 'li', 'password': '123', 'money': 1100.22},
{'id': '6666111120000', 'name': 'wa', 'password': '123', 'money': 1.0}]
STATUS = {"001":"非法访问","002":"密码错误","003":"卡号不存在","004":"余额不足","005":"撤
销操作"}


def menu(*args,**kwargs):
    i = 1
    str = f"请选择功能：\n"
    for key,value in MENU.items():
        str += f"{i}.{value}\n"
        i += 1
    return str


def create_account(*args,**kwargs):
    global CARDNUM
    name = input("请输入您的姓名：")
    password = getpass.getpass("请输入您的密码：")
    money = float(input("请输入您的存款金额："))
    ID = CARDIDS + CARDNUM + CARDIDE
    card.append({"id":ID,"name":name,"password":password,"money":money})
    CARDNUM = str(int(CARDNUM) + 1)
    return ID


def update_money(*args,**kwargs):
    if args[0] == 1:
        k = "存"
    elif args[0] == 0:
        k = "取"
    else:
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            return STATUS["001"]     #001错误代码表示非法访问
    index = check_account()
    if index != "":
        price = float(input(f"请输入您要{k}款的金额："))
        if args[0] == 1:
            index["money"] += price
        elif args[0] == 0:
            if index["money"] >= price:
                index["money"] -= price
            else:
                return STATUS["004"]     #004错误代码表示余额不足
        else:
            return STATUS["001"]     #001错误代码表示非法访问
        return price


def transfer_money(*args,**kwargs):
    index = check_account()
    if index != "":
        otherid = input("请输入您要转账的卡号：")
        index2 = check_account(otherid)
        if type(index2) != str:
            price = float(input("请输入您要转账的金额："))
            print(f"核对对方信息与转账金额：{index2['name']}的卡号{index2['id']}，您要转账
{price}元")
            reok = input(f"请确认转账信息是否正确（Y/N）：")
            if reok.upper() == "Y":
                if index["money"] >= price:
                    index["money"] -= price
                    index2["money"] += price
                    return True
                else:
                    return STATUS["004"]     #004错误代码表示余额不足
            else:
                return STATUS["005"]     #005错误代码表示撤销操作


def check_account(*args,**kwargs):
    if not args:
        cardid = input("请输入您的卡号：")
    else:
        cardid = args[0]
    found = False
    for _ in card:
        if _["id"] == cardid:
            found = True
            if not args:
                password = getpass.getpass("请输入您的密码：")
                if _["password"] == password:
                    return _
                else:
                    return STATUS["002"]     #002错误代码表示密码错误
            else:
                return _
    if not found:  # 如果遍历完都没有找到匹配的卡号
```

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            return STATUS["003"]  # 003 错误代码表示卡号不存在
#主函数
if __name__ == '__main__':
    while True:
        print(menu())
        choice = input("请输入您的选择：")
        if choice == "1":
            re = create_account()
            print(f"开户成功，您的卡号是{re},请妥善保管")
        elif choice == "2":
            re = update_money(1)
            print(f"存款成功，您存入的金额为{re}元") if type(re)!= str else print(re)
        elif choice == "3":
            re = update_money(0)
            print(f"取款成功，您取款的金额为{re}元") if type(re)!= str else print(re)
        elif choice == "4":
            print(card)
            re = transfer_money()
            print("转账成功") if type(re)!= str else print(re)
        elif choice == "5":
            print(check_account())
        elif choice == "6":
            exit()
        else:
            print(STATUS["001"])    #001错误代码表示非法访问
```