In [31]:

```
def create_account(name):
    account = {
        "name": name,
        "balance": 0.0,
        "transactions": []
    }
    return account
def deposit(account, amount):
    if amount <= 0:
        print("Deposit amount must be positive.")
        return account

    account["balance"] += amount
    account["transactions"].append(f"Deposit: ${amount}. New Balance: ${acco
    record_transaction(f"Deposit: ${amount}. New Balance: ${account['balance
    print(f"Deposited ${amount}. New balance: ${account['balance']}")
    return account
def withdraw(account, amount):
    if amount <= 0:
        print("Withdrawal amount must be positive.")
        return account

    if amount > account["balance"]:
        print("Insufficient funds!")
        return account

    account["balance"] -= amount
    account["transactions"].append(f"Withdrawal: ${amount}. New Balance: ${a
    record_transaction(f"Withdrawal: ${amount}. New Balance: ${account['bala
    print(f"Withdrew ${amount}. New balance: ${account['balance']}")
    return account
def check_balance(account):
    print(f"Current balance: ${account['balance']}")
def print_statement(account):
    if not account["transactions"]:
        print("No transactions made yet.")
        return

    print(f"Account Statement for {account['name']}:")
    for transaction in account["transactions"]:
        print(transaction)
def record_transaction(transaction):
    with open("transactions.txt", "a") as file:
        file.write(transaction + "\n")
def load_transactions():
    if os.path.exists("transactions.txt"):
        with open("transactions.txt", "r") as file:
            return file.readlines()
    else:
        return []
def main():
    name = input("Enter your name to create an account: ")
    account = create_account(name)
    print(f"Account for {name} created with balance ${account['balance']}.\n
```

```
    deposit_amount = float(input("Enter amount to deposit: "))
    account = deposit(account, deposit_amount)
    withdraw_amount = float(input("Enter amount to withdraw: "))
    account = withdraw(account, withdraw_amount)
    check_balance(account)
    print_statement(account)
if __name__ == "__main__":
    main()
```

```
Account for muzammil created with balance $0.0.

Deposited $70000.0. New balance: $70000.0
Insufficient funds!
Current balance: $70000.0
Account Statement for muzammil:
Deposit: $70000.0. New Balance: $70000.0
```

In [ ]:

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