Graphical user interface, text

Description automatically generated

**Lesson 1 Demo 8**

**Access Chaincode Functions**

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| **Objective:** To access chaincode functions  **Tools required:** Ubuntu  **Prerequisites:** Lesson 1 Demo 7 |

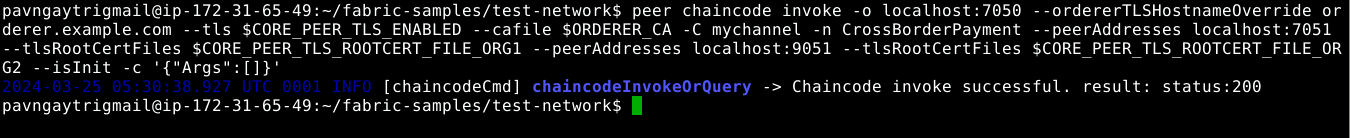
Steps to be followed:

1. Accessing the chaincode functions from Org1

**Step 1: Accessing the chaincode functions from Org1**

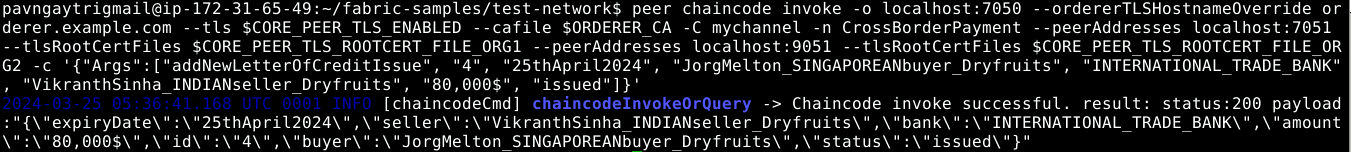
1. Invoke the **Init** function using the following command:

***eer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls $CORE\_PEER\_TLS\_ENABLED --cafile $ORDERER\_CA -C mychannel -n CrossBorderPayment --peerAddresses localhost:7051 --tlsRootCertFiles $CORE\_PEER\_TLS\_ROOTCERT\_FILE\_ORG1 --peerAddresses localhost:9051 --tlsRootCertFiles $CORE\_PEER\_TLS\_ROOTCERT\_FILE\_ORG2 --isInit -c '{"Args":[]}'***



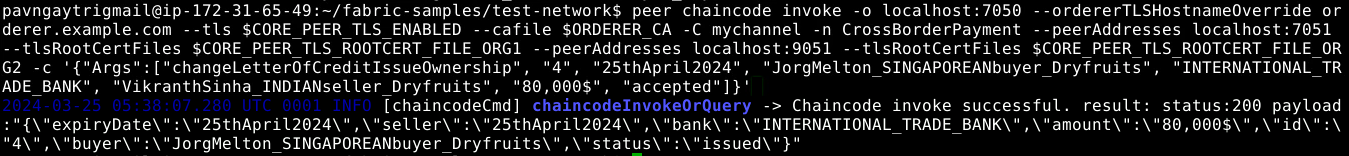
1. Invoke the **addNewLetterOfCreditIssue** function using the following command:

***peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls $CORE\_PEER\_TLS\_ENABLED --cafile $ORDERER\_CA -C mychannel -n CrossBorderPayment --peerAddresses localhost:7051 --tlsRootCertFiles $CORE\_PEER\_TLS\_ROOTCERT\_FILE\_ORG1 --peerAddresses localhost:9051 --tlsRootCertFiles $CORE\_PEER\_TLS\_ROOTCERT\_FILE\_ORG2 -c '{"Args":["addNewLetterOfCreditIssue", "6", "25thApril2024", "JorgMelton\_SINGAPOREANbuyer\_Dryfruits", "INTERNATIONAL\_TRADE\_BANK", "VikranthSinha\_INDIANseller\_Dryfruits", "80,000$", "issued"]}'***



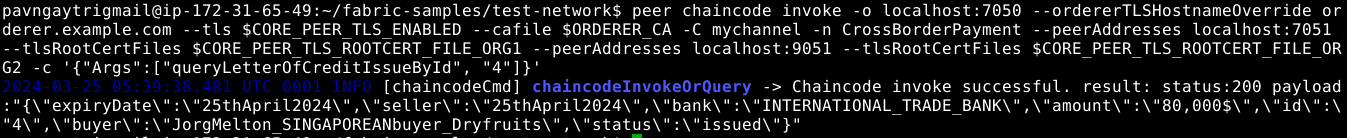
1. Invoke the **change LetterOfCreditIssueOwnership from Buyer To Seller** function using the following command:

***peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls $CORE\_PEER\_TLS\_ENABLED --cafile $ORDERER\_CA -C mychannel -n CrossBorderPayment --peerAddresses localhost:7051 --tlsRootCertFiles $CORE\_PEER\_TLS\_ROOTCERT\_FILE\_ORG1 --peerAddresses localhost:9051 --tlsRootCertFiles $CORE\_PEER\_TLS\_ROOTCERT\_FILE\_ORG2 -c '{"Args":["changeLetterOfCreditIssueOwnership", "4", "25thApril2024", "JorgMelton\_SINGAPOREANbuyer\_Dryfruits", "INTERNATIONAL\_TRADE\_BANK", "VikranthSinha\_INDIANseller\_Dryfruits", "80,000$", "accepted"]}'***

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1. Invoke the **queryLetterOfCreditIssueById** function using the following command:

***peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls $CORE\_PEER\_TLS\_ENABLED --cafile $ORDERER\_CA -C mychannel -n CrossBorderPayment --peerAddresses localhost:7051 --tlsRootCertFiles $CORE\_PEER\_TLS\_ROOTCERT\_FILE\_ORG1 --peerAddresses localhost:9051 --tlsRootCertFiles $CORE\_PEER\_TLS\_ROOTCERT\_FILE\_ORG2 -c '{"Args":["queryLetterOfCreditIssueById", "4"]}'***

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The chaincode functions is now accessed from Org1.