Access Chaincode Functions

Steps to be followed:

1. Accessing the chaincode functions from Org1

Step 1: Accessing the chaincode functions from Org1

1.1 Invoke **Init** function using the following command:

peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls $CORE_PEER_TLS_ENABLED --cafile $ORDERER_CA -C samplechannel -n Carshowroom --peerAddresses localhost:7051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT_FILE_ORG1 --peerAddresses localhost:9051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT_FILE_ORG2 --isInit -c '{"Args":[]}'

1.2 Invoke **addNewCar** function using the following command:

peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls $CORE_PEER_TLS_ENABLED --cafile $ORDERER_CA -C samplechannel -n Carshowroom --peerAddresses localhost:7051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT_FILE_ORG1 --peerAddresses localhost:9051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT_FILE_ORG2 -c '{"Args":["addNewCar", "2", "Ford","John","1000"]}'

```
████ █ ██ █ ████@ip-172-31-73-193:~/eclipse-workspace/fabric-samples/test-network$
peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.examp
le.com --tls $CORE_PEER_TLS_ENABLED --cafile $ORDERER_CA -C samplechannel -n Carsh
owroom --peerAddresses localhost:7051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT_F
ILE_ORG1 --peerAddresses localhost:9051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT
_FILE_ORG2 -c '{"Args":["addNewCar", "2", "Ford","John","1000"]}'
2021-06-08 12:50:00.792 UTC [chaincodeCmd] chaincodeInvokeOrQuery -> INFO 001 Chai
ncode invoke successful. result: status:200 payload:"{\"owner\":\"John\",\"model\"
:\"Ford\",\"id\":\"2\",\"value\":\"1000\"}"
████ █ ██ █ ████@ip-172-31-73-193:~/eclipse-workspace/fabric-samples/test-network$
```

1.3 Invoke **queryCarById** function using the following command:

peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls $CORE_PEER_TLS_ENABLED --cafile $ORDERER_CA -C samplechannel -n Carshowroom --peerAddresses localhost:7051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT_FILE_ORG1 --peerAddresses localhost:9051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT_FILE_ORG2 -c '{"Args":["queryCarById", "2"]}'

```
████ █ ██ █ ████@ip-172-31-73-193:~/eclipse-workspace/fabric-samples/test-network$
peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.examp
le.com --tls $CORE_PEER_TLS_ENABLED --cafile $ORDERER_CA -C samplechannel -n Carsh
owroom --peerAddresses localhost:7051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT_F
ILE_ORG1 --peerAddresses localhost:9051 --tlsRootCertFiles $CORE_PEER_TLS_ROOTCERT
_FILE_ORG2 -c '{"Args":["queryCarById", "2"]}'
2021-06-08 12:51:48.074 UTC [chaincodeCmd] chaincodeInvokeOrQuery -> INFO 001 Chai
ncode invoke successful. result: status:200 payload:"{\"owner\":\"John\",\"model\"
:\"Ford\",\"id\":\"2\",\"value\":\"1000\"}"
████ █ ██ █ ████@ip-172-31-73-193:~/eclipse-workspace/fabric-samples/test-network$
```