

Below is the snapshot for JSON-RPC Client requests sent to Server and responses sent back by Server to Client.

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C:\WINDOWS\system32\cmd.exe
C:\Users\renu.batheja\workspace\StockTradingSystem\src\Client>go run Client.go 10000 "GOOG:50%,VH00:50%"
Response From Server:<"result":<"Stocks":<"GOOG:8:$612.14", "\VH00:172:$29", "UnvestedAmount":114.87988,"TradeId":0,"error":null,"id":1298498081>

C:\Users\renu.batheja\workspace\StockTradingSystem\src\Client>go run Client.go 20025.50 "MSFT:100%"
Response From Server:<"result":<"Stocks":<"MSFT:445:$45", "CurrentMarketValue":20025,"UnvestedAmount":0.5,"TradeId":1,"error":null,"id":1298498081>

C:\Users\renu.batheja\workspace\StockTradingSystem\src\Client>go run Client.go 1
Response From Server:<"result":<"Stocks":<"GOOG:8:$612.14", "\VH00:172:$29", "CurrentMarketValue":9885.12,"UnvestedAmount":114.87988,"error":null,"id":1298498081>

C:\Users\renu.batheja\workspace\StockTradingSystem\src\Client>go run Client.go 0
Response From Server:<"result":<"Stocks":<"GOOG:8:$612.14", "\VH00:172:$29", "CurrentMarketValue":9885.12,"UnvestedAmount":114.87988,"error":null,"id":1298498081>

C:\Users\renu.batheja\workspace\StockTradingSystem\src\Client>go run Client.go 23500.50 "AAPL:20%,VH00:50%,GOOG:10.5%,MSFT:19.5%"
Response From Server:<"result":<"Stocks":<"AAPL:42:$109.68", "\VH00:405:$29", "\GOOG:4:$612.14", "\MSFT:101:$45", "UnvestedAmount":155.38017,"TradeId":2,"error":null,"id":1298498081>

C:\Users\renu.batheja\workspace\StockTradingSystem\src\Client>go run Client.go 2
Response From Server:<"result":<"Stocks":<"AAPL:42:$109.68", "\VH00:405:$29", "\GOOG:4:$612.14", "\MSFT:101:$45", "CurrentMarketValue":23345.121,"UnvestedAmount":155.38017,"TradeId":2,"error":null,"id":1298498081>

C:\Users\renu.batheja\workspace\StockTradingSystem\src\Client>go run Client.go 3
This System allows only latest 3 responses to be checked from Server (Stored In-Memory). The TradeID you requested is the wrong one. Try these - 0 or 1 or 2!

C:\WINDOWS\system32\cmd.exe - go run Server.go
C:\Users\renu.batheja\workspace\StockTradingSystem\src\Server>go run Server.go
=====Processing a request for 'Buying Stocks' =====
Response is :
TradeID : 0
Stocks : "GOOG:8:$612.14", "VH00:172:$29"
UnvestedAmount : 114.87988
=====Processing a request for 'Buying Stocks' =====
Response is :
TradeID : 1
Stocks : "MSFT:445:$45"
UnvestedAmount : 0.5
=====Processing a request for 'Checking Portfolio' =====
Response is :
Stocks : "MSFT:445:$45"
CurrentMarketValue : 20025
UnvestedAmount : 0.5
=====Processing a request for 'Checking Portfolio' =====
Response is :
Stocks : "GOOG:8:$612.14", "VH00:172:$29"
CurrentMarketValue : 9885.12
UnvestedAmount : 114.87988
=====
```