f1:dataf2:data <socket.\_socketobject object at 0x10f7fe9f0>

<socket.\_socketobject object at 0x10f7fe9f0>

f2:client /getMedalTally/Rome

f1:client /getMedalTally/Rome

f3:data <socket.\_socketobject object at 0x10f7fe9f0>

f3:client /getMedalTally/Rome

Current Berk Sync Time

1524796500.46

127.0.0.1 - - [26/Apr/2018 22:35:00] "GET /getMedalTally/Rome HTTP/1.1" 200 -

f2:data <socket.\_socketobject object at 0x10f7fea60>

f2:client /getMedalTally/Gual

Current Berk Sync Time

1524796500.47

127.0.0.1 - - [26/Apr/2018 22:35:00] "GET /getMedalTally/Rome HTTP/1.1" 200 -

Current Berk Sync Time

1524796500.47

127.0.0.1 - - [26/Apr/2018 22:35:00] "GET /getMedalTally/Rome HTTP/1.1" 200 -

f3:data <socket.\_socketobject object at 0x10f7fea60>

f3:client /getMedalTally/Gual

Current Berk Sync Time

1524796500.47

127.0.0.1 - - [26/Apr/2018 22:35:00] "GET /getMedalTally/Gual HTTP/1.1" 200 -

Current Berk Sync Time

1524796500.48

127.0.0.1 - - [26/Apr/2018 22:35:00] "GET /getMedalTally/Gual HTTP/1.1" 200 -

f1:data <socket.\_socketobject object at 0x10f7fea60>

f1:client /getMedalTally/Gual

Current Berk Sync Time

1524796502.48

127.0.0.1 - - [26/Apr/2018 22:35:02] "GET /getMedalTally/Gual HTTP/1.1" 200 -

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*F1:STARTING PAXOS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

FEP1 connecting with FEP2 SOCKET

F1:Connected

Connected to FEP2 by ('127.0.0.1', 55663)

FEP1:<prepare,1>

['FEP1', 'prepare', '1']

DATA RCVD FROM FEP2 FEP2<prepare-ok,0,{"Gual": {"Gold": 18014, "Silver": 2, "Bronze": 8}}>

Rcvd From FEP2--> ['FEP2', 'prepare-ok', '0', '{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']

temp1== ['{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']

FEP1 connecting with FEP3 SOCKET

Connected to FEP3 by ('127.0.0.1', 55664)

FEP1:<prepare,1>

['FEP1', 'prepare', '1']

Rcvd From FEP3--> ['FEP3', 'prepare-ok', '0', '{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']

FEP1 connecting with FEP4 SOCKET

**Connected to FEP4 by ('127.0.0.1', 55665)**

**FEP1:<prepare,1>**

**['FEP1', 'prepare', '1']**

**Rcvd From FEP4--> ['FEP4', 'prepare-ok', '0', '0']**

**Fep1 got majority 3 0 0 0**

**Val ['{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}'] {"Gual" 0**

**FEP2 WINS**

V===== ['{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']

FEP2--> FEP1:<accept,1,['{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']>

arr FEP2--> ['FEP1', 'accept', '1', '[\'{"Gual"\'', '\'{"Gold"\'', "'18014'", '\'"Silver"\'', "'2'", '\'"Bronze"\'', "'8}}']"]

Sending data from FEP2 to FEP1

FEP1 Phase 2 from FEP2--> FEP2<accept-ok>

FEP3--> FEP1:<accept,1,['{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']>

arr FEP3--> ['FEP1', 'accept', '1', '[\'{"Gual"\'', '\'{"Gold"\'', "'18014'", '\'"Silver"\'', "'2'", '\'"Bronze"\'', "'8}}']"]

Sending data from FEP3 to FEP1

FEP1 Phase 2 from FEP3--> FEP3<accept-ok>

FEP4--> FEP1:<accept,1,['{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']>

F4 arr--> ['FEP1', 'accept', '1', '[\'{"Gual"\'', '\'{"Gold"\'', "'18014'", '\'"Silver"\'', "'2'", '\'"Bronze"\'', "'8}}']"]

Sending data from FEP4 to FEP1

FEP1 Phase 2 from FEP4--> FEP4<accept-ok>

Phase 2 majority found sending data to all

F2:Final data RECVD from F1 after PAXOS FEP1:<decide,['{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']>

f2:data <socket.\_socketobject object at 0x10f7febb0>

f2:client /getMedalTally/Rome

Current Berk Sync Time

1524796521.51

127.0.0.1 - - [26/Apr/2018 22:35:21] "GET /getMedalTally/Rome HTTP/1.1" 200 -

F3:Final data RECVD from F1 after PAXOS FEP1:<decide,['{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']>

f3:data <socket.\_socketobject object at 0x10f7febb0>

f3:client /getMedalTally/Rome

**Current Berk Sync Time**

**1524796523.52**

**127.0.0.1 - - [26/Apr/2018 22:35:23] "GET /getMedalTally/Rome HTTP/1.1" 200 -**

**Fep1 start == 1**

**\*\*\*\*\*\*LEARNER F4:Final data RECVD from F1 after PAXOS FEP1:<decide,['{"Gual"', '{"Gold"', '18014', '"Silver"', '2', '"Bronze"', '8}}']>FEP4**