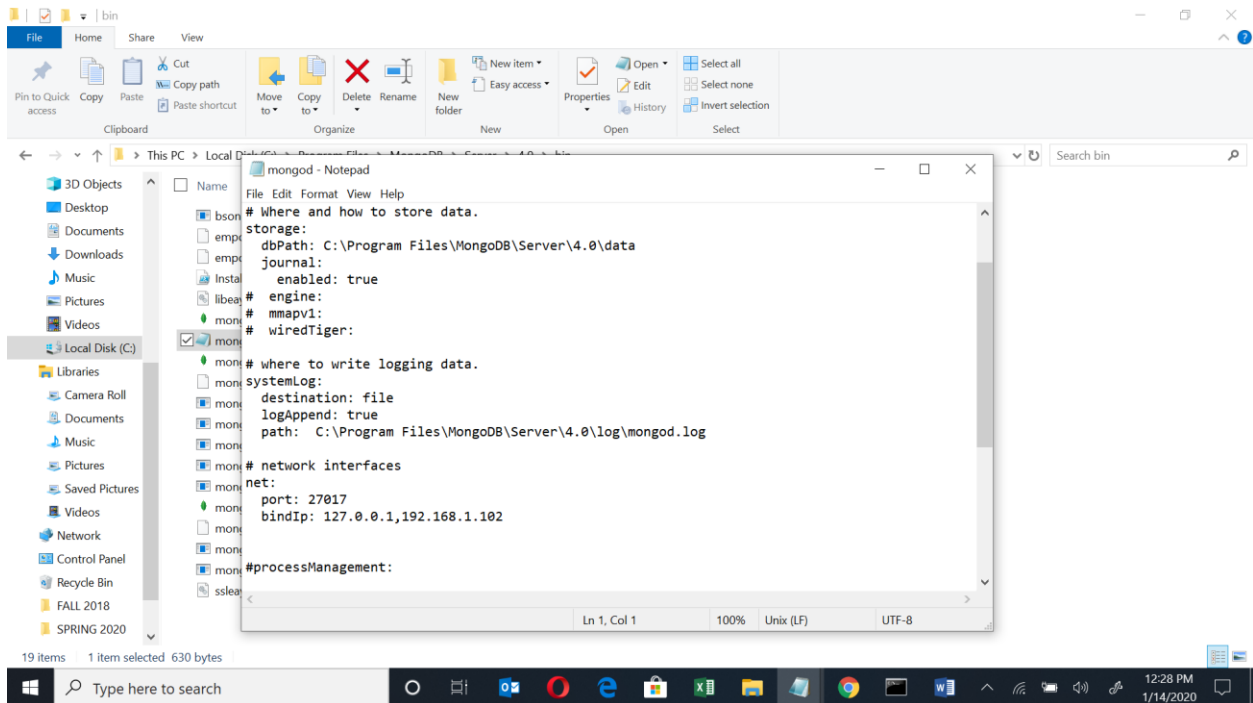


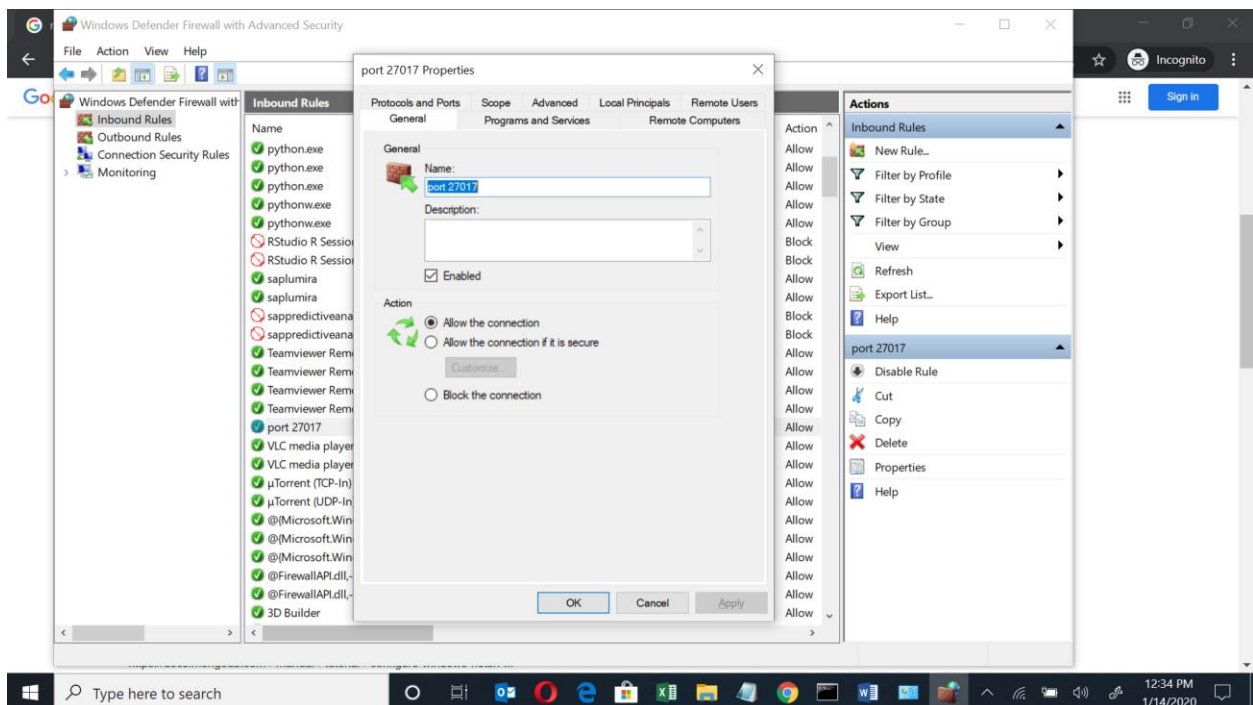
Connecting Remotely to MongoDB

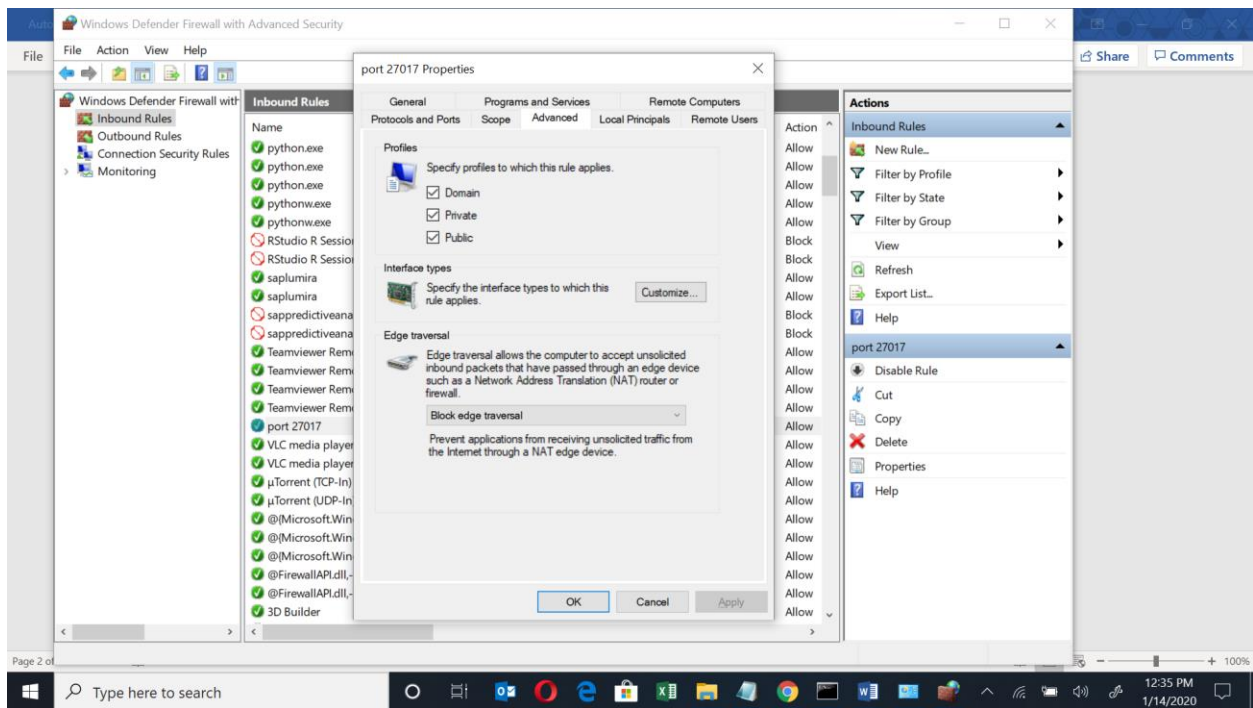
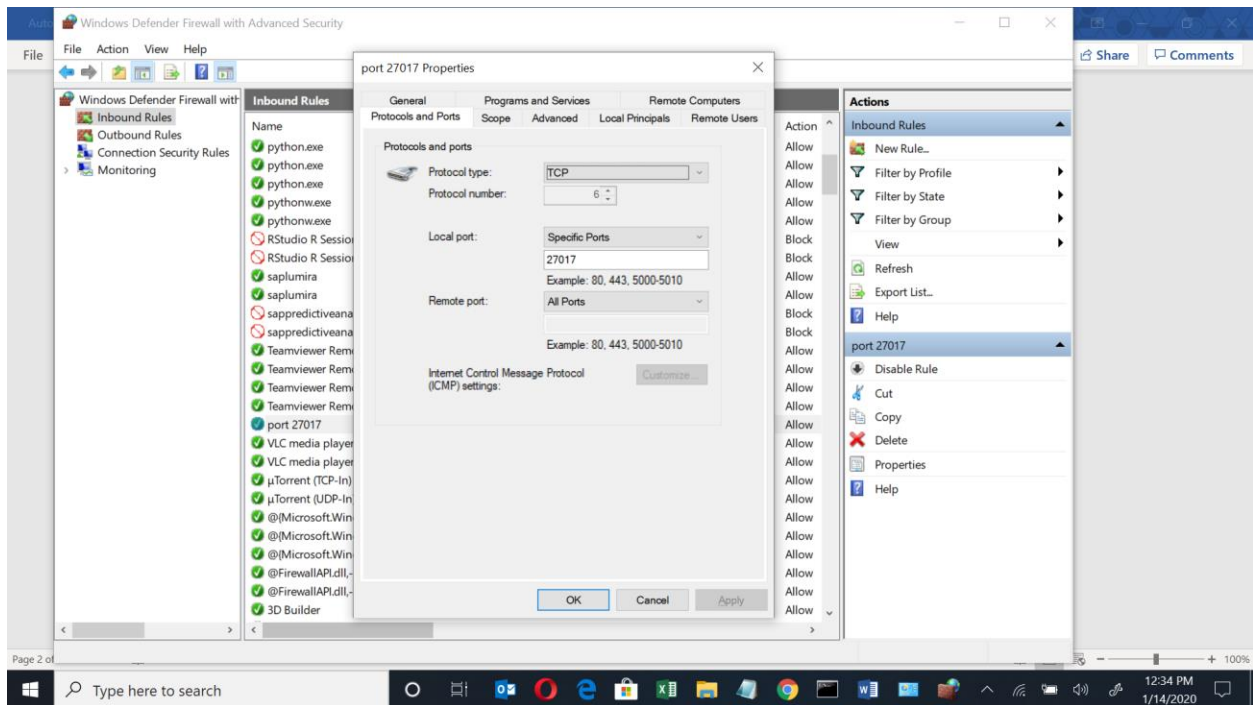
-Vikrant Dev Rathore

1. open the mongod.conf file and add the server to the bindIp in the # network interfaces

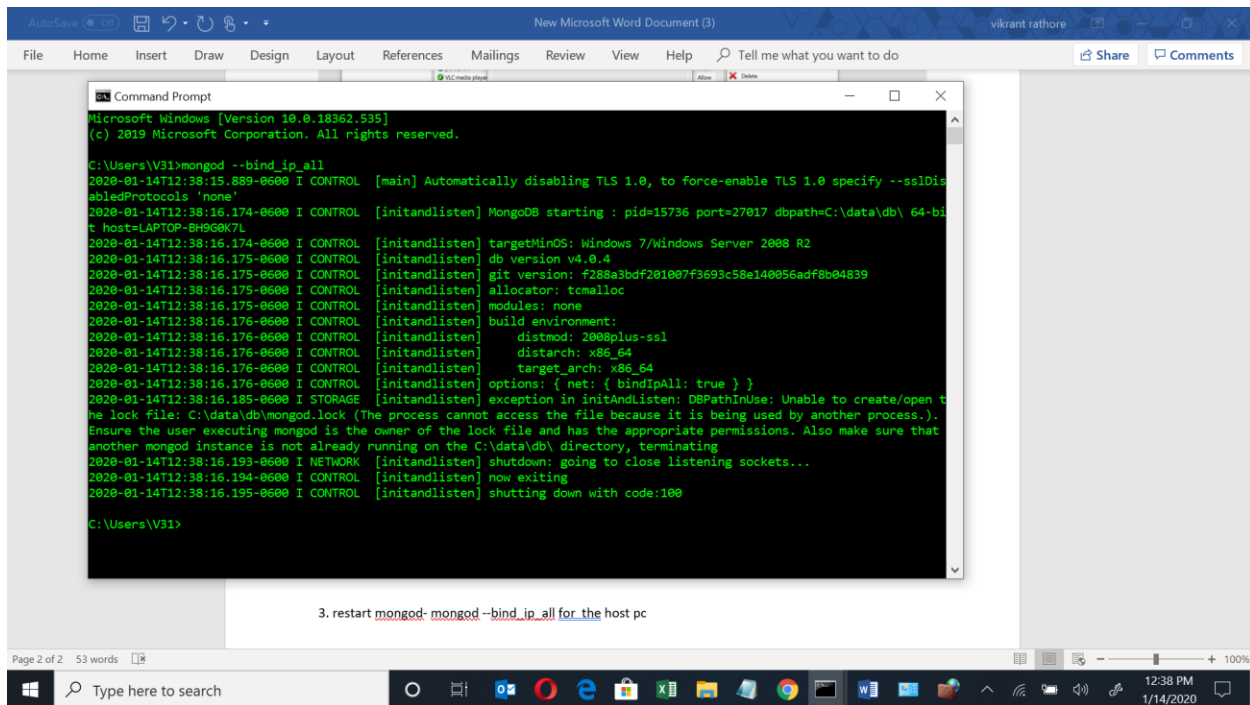


2. For the PC which will host the remote MongoDB server, add port 27017 to inbound rules in firewall

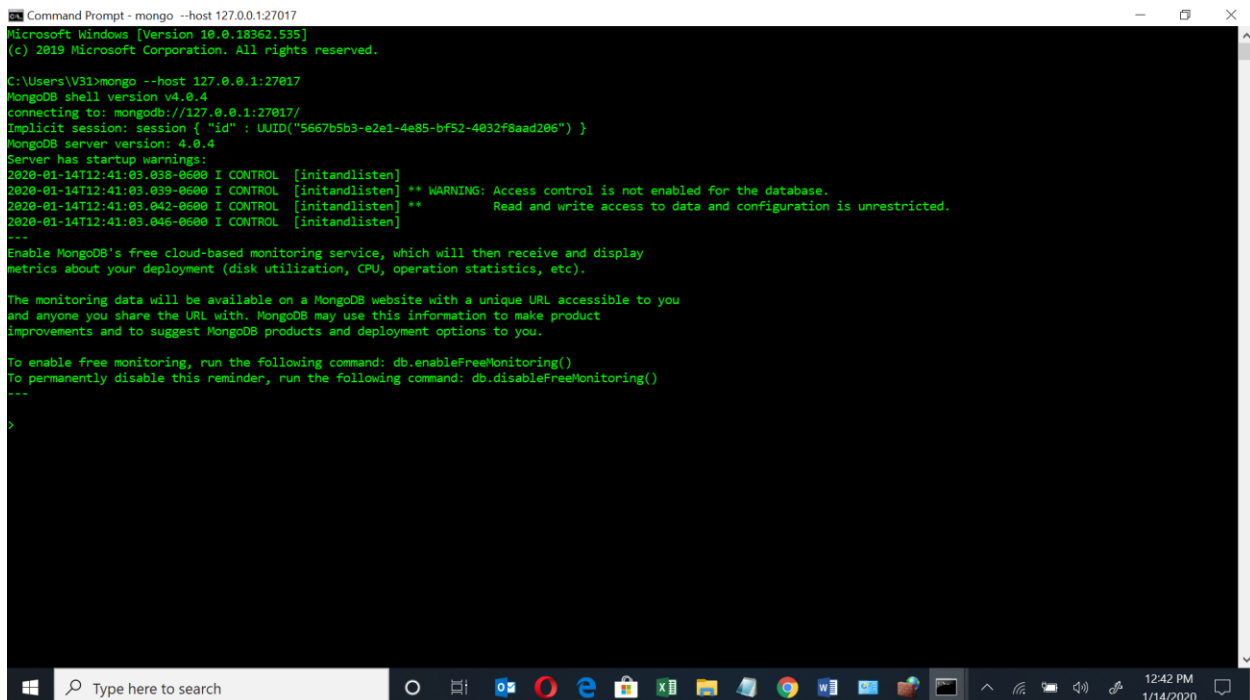




3. restart mongod- `mongod --bind_ip_all` for the host pc using command prompt/shell



4. type in command prompt mongo --host local server name :27017 for remote connection



5. Now if we check the mongod window we will see 1 connection

```
Command Prompt - mongod --bind_ip_all
Microsoft Windows [Version 10.0.18362.535]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\V31>mongod --bind_ip_all
2020-01-14T12:41:02.292-0600 I CONTROL [main] Automatically disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'
2020-01-14T12:41:02.572-0600 I CONTROL [initandlisten] MongoDB starting : pid=3496 port=27817 dbpath=C:\data\db\ 64-bit host=LAPTOP-BH9G0K7L
2020-01-14T12:41:02.573-0600 I CONTROL [initandlisten] targetMinOS: Windows 7/Windows Server 2008 R2
2020-01-14T12:41:02.573-0600 I CONTROL [initandlisten] db version v4.0.4
2020-01-14T12:41:02.573-0600 I CONTROL [initandlisten] git version: f288a3bdf201007f3693c58e140056adf8b04839
2020-01-14T12:41:02.574-0600 I CONTROL [initandlisten] allocator: tcmalloc
2020-01-14T12:41:02.574-0600 I CONTROL [initandlisten] modules: none
2020-01-14T12:41:02.574-0600 I CONTROL [initandlisten] build environment:
2020-01-14T12:41:02.574-0600 I CONTROL [initandlisten]   distmod: 2008plus-ssl
2020-01-14T12:41:02.574-0600 I CONTROL [initandlisten]   distarch: x86_64
2020-01-14T12:41:02.574-0600 I CONTROL [initandlisten]   target_arch: x86_64
2020-01-14T12:41:02.575-0600 I CONTROL [initandlisten] options: { net: { bindIpAll: true } }
2020-01-14T12:41:02.576-0600 I STORAGE [initandlisten] Detected data files in C:\data\db\ created by the 'wiredTiger' storage engine, so setting the active storage engine to 'wiredTiger'.
2020-01-14T12:41:02.577-0600 I STORAGE [initandlisten] wiredtiger_open config: create,cache_size=3500M,session_max=20000,eviction=(threads_min=4,threads_max=4),config_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journal,compressor=snappy),file_manager=(close_idle_time=100000),statistics_log=(wait=0),verbose=(recovery_progress),
2020-01-14T12:41:02.757-0600 I STORAGE [initandlisten] WiredTiger message [1579027262:757607][3496:140712188796496], txn-recover: Main recovery loop: starting at 29/11392 to 30/256
2020-01-14T12:41:02.856-0600 I STORAGE [initandlisten] WiredTiger message [1579027262:856573][3496:140712188796496], txn-recover: Recovering log 29 through 30
2020-01-14T12:41:02.923-0600 I STORAGE [initandlisten] WiredTiger message [1579027262:922564][3496:140712188796496], txn-recover: Recovering log 30 through 30
2020-01-14T12:41:02.975-0600 I STORAGE [initandlisten] WiredTiger message [1579027262:974606][3496:140712188796496], txn-recover: Set global recovery timestamp: 0
2020-01-14T12:41:03.012-0600 I RECOVERY [initandlisten] WiredTiger recoveryTimestamp. Ts: Timestamp(0, 0)
2020-01-14T12:41:03.038-0600 I CONTROL [initandlisten]
2020-01-14T12:41:03.039-0600 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2020-01-14T12:41:03.042-0600 I CONTROL [initandlisten] **      Read and write access to data and configuration is unrestricted.
2020-01-14T12:41:03.046-0600 I CONTROL [initandlisten]
2020-01-14T12:41:03.218-0600 I FTDC [initandlisten] Initializing full-time diagnostic data capture with directory 'C:\data\db\diagnostic.data'
2020-01-14T12:41:03.223-0600 I NETWORK [initandlisten] waiting for connections on port 27817
2020-01-14T12:41:03.413-0600 I NETWORK [listener] connection accepted from 127.0.0.1:63798 #1 (1 connection now open)
2020-01-14T12:42:45.414-0600 I NETWORK [conn1] received client metadata from 127.0.0.1:63798 conn1: { application: { name: "MongoDB Shell" }, driver: { name: "MongoDB Internal Client", version: "4.0.4" }, os: { type: "Windows", name: "Microsoft Windows 10", architecture: "x86_64", version: "10.0 (build 18362)" } }
```

Note: it is better to use username/ password authentication for the same.