

## Docker Assignment-3

Establish the connection between containers of custom network and default network

```
"Containers": {
  "0f3f4b4ee0ad2062ef5a6c3b5802d894c63e856141700a9080da66dd3d64af50": {
    "Name": "cent-2",
    "EndpointID": "fef2094a121c4d981d200a342509197f56c228e07d54ea5da73695451be730b7",
    "MacAddress": "02:42:ac:11:00:03",
    "IPv4Address": "172.17.0.3/16",
    "IPv6Address": ""
  },
  "a00dabac686537414f0fe817af4f27a53f8136e99c44597518fa7cfdc64a5ca4": {
    "Name": "cent-1",
    "EndpointID": "1ced2fa8378e4fe22554a4f383028d6dd12ef226bc563007b025851319a9c7b9",
    "MacAddress": "02:42:ac:11:00:02",
    "IPv4Address": "172.17.0.2/16",
    "IPv6Address": ""
  }
}
```

```
[root@ip-172-31-42-12 ~]# docker run -itd --network=shailesh --name cent-3 centos
fce6f84b1d1203a5516e0b28ce6ad3a74c1f8d20a1f92a39193bd310cd8783b0
[root@ip-172-31-42-12 ~]# docker run -itd --network=shailesh --name cent-4 centos
37ad1efa7cd6325aa4d69225688d8d3a957a9e8395a18563ff7233de2b7196b5
```

```
[root@ip-172-31-42-12 ~]# docker network connect shailesh cent-1
[root@ip-172-31-42-12 ~]# docker exec -it cent-3 bash
```

```
[root@fce6f84b1d12 /]# ping cent-1
PING cent-1 (172.19.0.4) 56(84) bytes of data.
64 bytes from cent-1.shailesh (172.19.0.4): icmp_seq=1 ttl=127 time=0.066 ms
64 bytes from cent-1.shailesh (172.19.0.4): icmp_seq=2 ttl=127 time=0.058 ms
64 bytes from cent-1.shailesh (172.19.0.4): icmp_seq=3 ttl=127 time=0.059 ms
64 bytes from cent-1.shailesh (172.19.0.4): icmp_seq=4 ttl=127 time=0.056 ms
64 bytes from cent-1.shailesh (172.19.0.4): icmp_seq=5 ttl=127 time=0.058 ms
64 bytes from cent-1.shailesh (172.19.0.4): icmp_seq=6 ttl=127 time=0.056 ms
64 bytes from cent-1.shailesh (172.19.0.4): icmp_seq=7 ttl=127 time=0.058 ms
^C
```