Docker

1.

A.

docker@manager1:~\$ docker node ls								
ID	HOSTNAME	STATUS	AVAILABILITY	MANAGER STATUS	ENGINE VERSION			
2kx3irlo5u261e7djvbuqg51w *	manager1	Ready	Active	Leader	18.06.0-ce			
zjz742xni2ycuuvl1x1qrgfs2	worker1	Ready	Active		18.06.0-ce			
si6uiy6sa23p5ok3fjicqu1xx	worker2	Ready	Active		18.06.0-ce			
sicqu1xxa23p5ok3fjicqu1xx	worker3	Ready	Active		18.06.0-ce			

B.

docker@manager1:~	\$ docker service	ps web		-	
ID	NAME	IMAGE	NODE	DESIRED STATE	CURRENT STATE
5gu7kmb1ztqc	web.1	nginx:latest	worker1	Running	Running 5 seconds ago
z9bdi162f3us	_ web.1	nginx:latest	worker2	Shutdown	Shutdown 6 seconds ago
hfcy5hqsekh2	web.2	nginx:latest	manager1	Running	Running about an hour ago
xzy35qtappz3	web.3	nginx:latest	worker1	Running	Running about an hour ago
byz5q9xf6qno	web.4	nginx:latest	manager1	Running	Running 18 minutes ago
sxy8nopj7hyo	web.5	nginx:latest	worker1	Running	Running 5 seconds ago
k0hfbhdczfub	_ web.5	nginx:latest	worker2	Shutdown	Shutdown 6 seconds ago
5gu7kmb1ztqc	web.1	nginx:latest	worker1	Running	Running 5 seconds ago
z9bdi162f3us	_ web.1	nginx:latest	worker2	Shutdown	Shutdown 6 seconds ago
hfcy5hqsekh2	web.2	nginx:latest	manager1	Running	Running about an hour ago
xzy35qtappz3	web.3	nginx:latest	worker1	Running	Running about an hour ago
byz5q9xf6qno	web.4	nginx:latest	manager1	Running	Running 18 minutes ago
sxy8nopj7hyo	web.5	nginx:latest	worker1	Running	Running 5 seconds ago
k0hfbhdczfub	_ web.5	nginx:latest	worker2	Shutdown	Shutdown 6 seconds ago

2.

A.

В.

```
import time
version: '3'
services:
                                    import redis
                                    from flask import Flask
  web:
     build: .
                                    app = Flask(__name__)
     ports:
                                    cache = redis.Redis(host='redis', port=6379)
      - "10000:10000"
     volumes:
                                    @app.route('/')
                                    def hello():
     - .:/code
                                       return 'Daniel'
  redis:
                                    if __name__ == "__main__":
     image: "redis:alpine"
                                       app.run(host="0.0.0.0", debug=True)
```