Exercise 3: Linux problem solving

**Problem statement:** Redis service not started.

**Issue identification:**

I tired to restart the redis service by using the following command **“systemctl restart redis”** but it throws the below error.

**“Job for redis-server.service failed because the control process exited with error code. See "systemctl status redis-server.service" and "journalctl -xe" for details.”**

So i tried to debug nore on this and the following command **“journalctl -xe”**. It show like some error there in **redis.conf** file, the error look like bellow.

**“ redis-server[96196]: Reading the configuration file, at line 108**

**redis-server[96196]: >>> 'logfile /var/log/redis-server.log'**

**redis-server[96196]: Can't open the log file: Read-only file system”**

Basically this issue will raised either because of permission issue on that particular file or mentioned wrong file pat. While i checked in **/lib/systemd/system/redis-server.service** file the log will be looking in **“ReadWriteDirectories=-/var/log/redis”** folder. But in **redis.conf** which mentioned as **“/var/log/redis-server.log”**.

**Solution:**

I changed the logfile from **“/var/log/redis-server.log”** to **“/var/log/redis/redis-server.log”** in redis.conf. And restarted the redis it’s worked.