**32. Write a program to demonstrate distributed config on JMeter.**

> when we have many scripts to be executed using many users and using many servers

> when you have requirement to do performance testing a particular region of user

> when testing has to be done on different platform

> indistributed setup, we will have 1 main jmeter server and jmeter scripts/samplers

> We will have host servers that will act as workers where script will be executed remotely

Distributed Set up:

master node:

- java version >= 8

- environment variables for java have to be set

- Jmeter 5.6.2

Remote machine:

- java version >= 8

- environment variables for java have to be set

- Jmeter 5.6.2

Distributed set up we will use same machine as master and as slave

Step 1: ipaddress of current laptop:

> open command prompt > execute command ipconfig

IPv4 Address. . . . . . . . . . . : 192.168.1.7

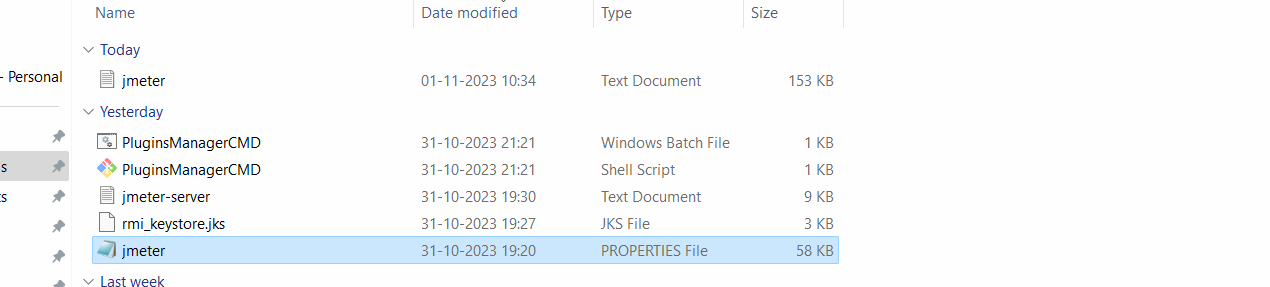
Step 2:

> go apache jmeter foler/bin

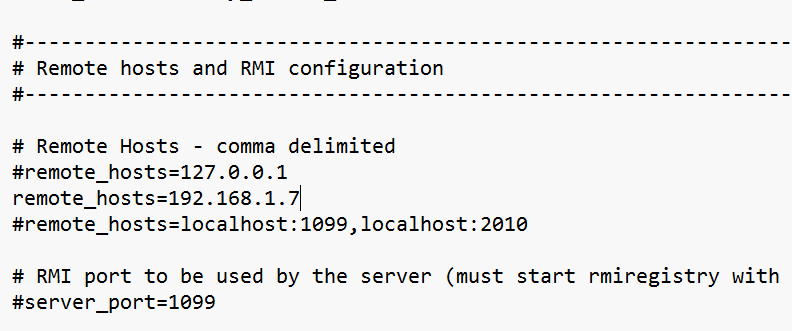
> open the jmeter properties file

> make changed to remote\_hosts section

> Add the remote\_hosts = 192.168.1.7



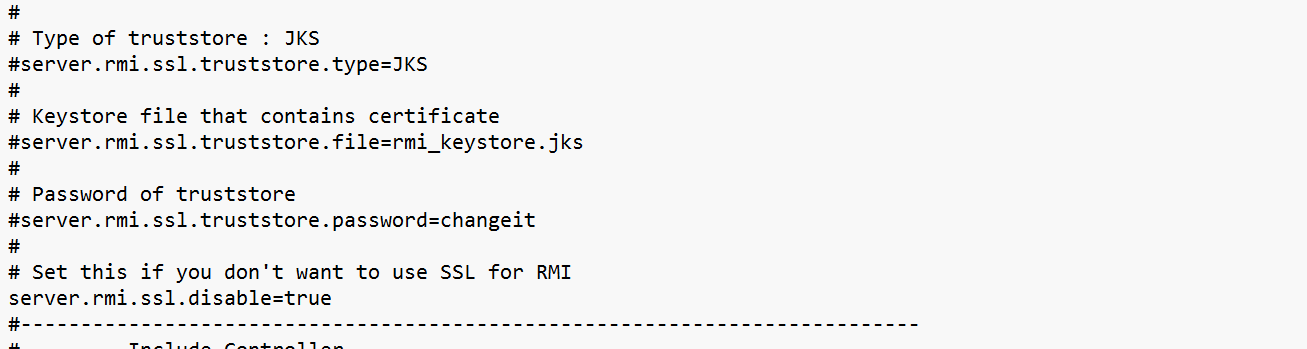
In this file search for remote\_hosts



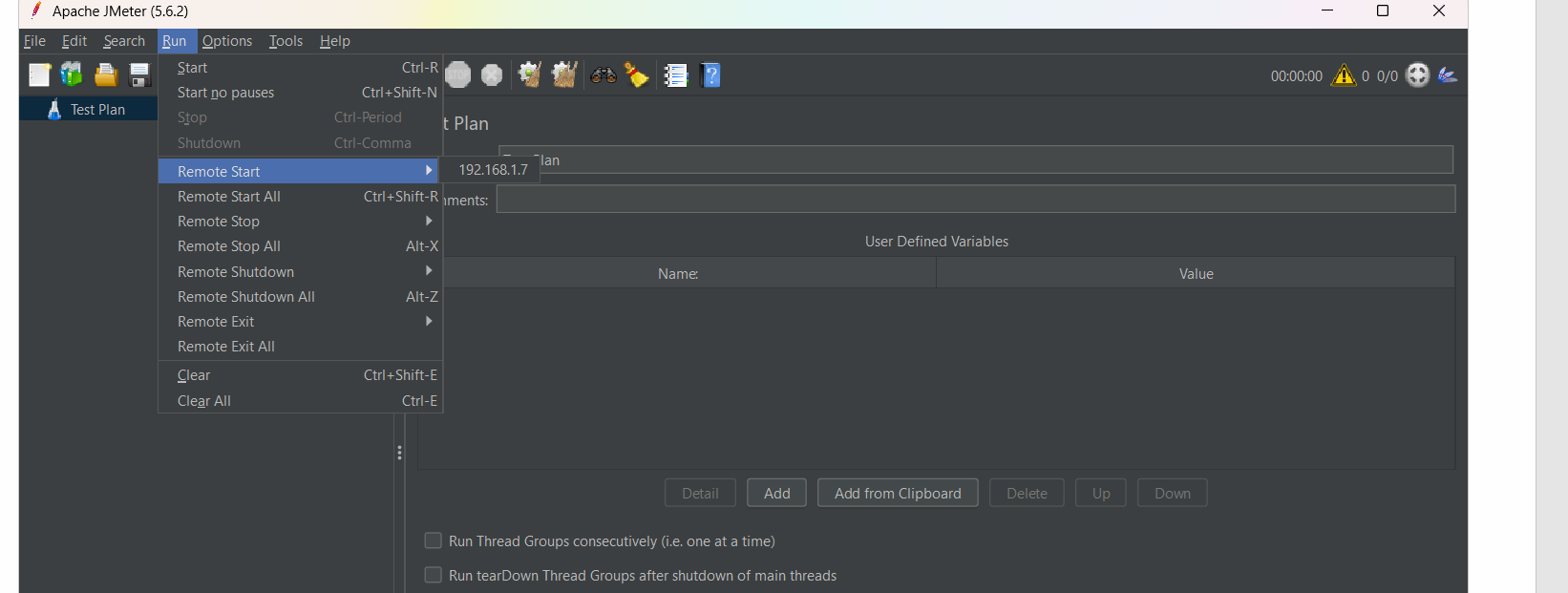
In the same file search for server.rmi.ssl.disable

Remove the #

server.rmi.ssl.disable = true



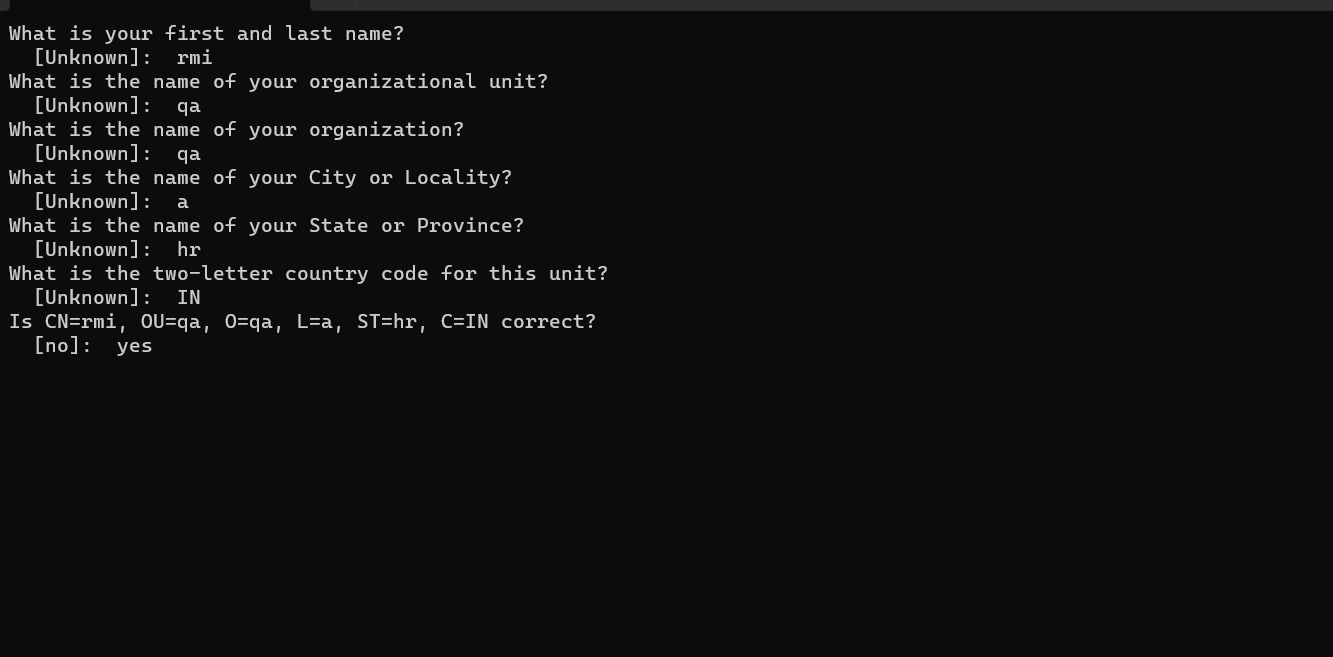
Stop and restart your jmeter



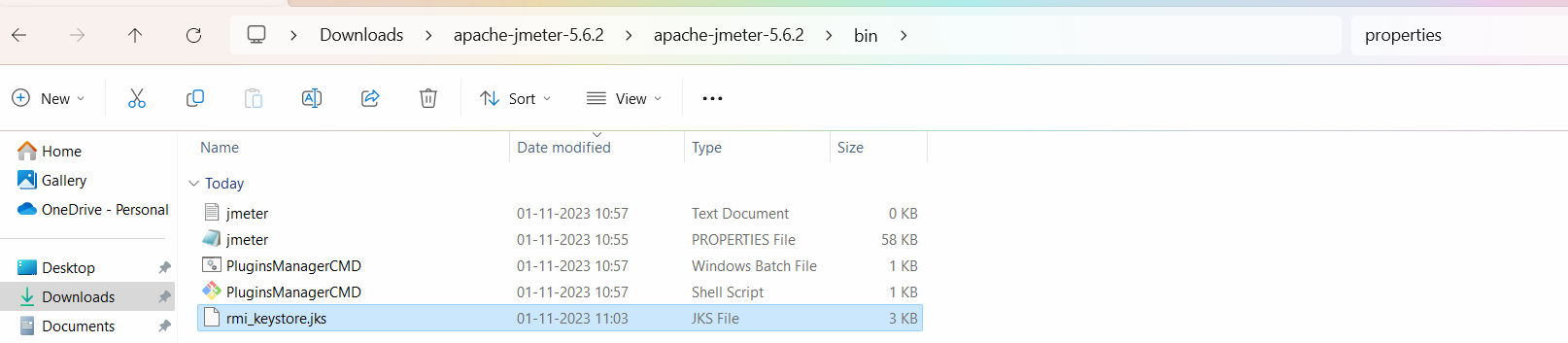
Again go to appache folder/bin folder and search for a file with name:

create-rmi-keystore -> windows batch file

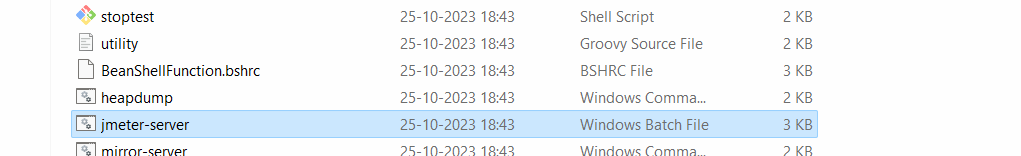
This file is executable. Double click on it and it will open a command prompt and enter as show below details and press enter



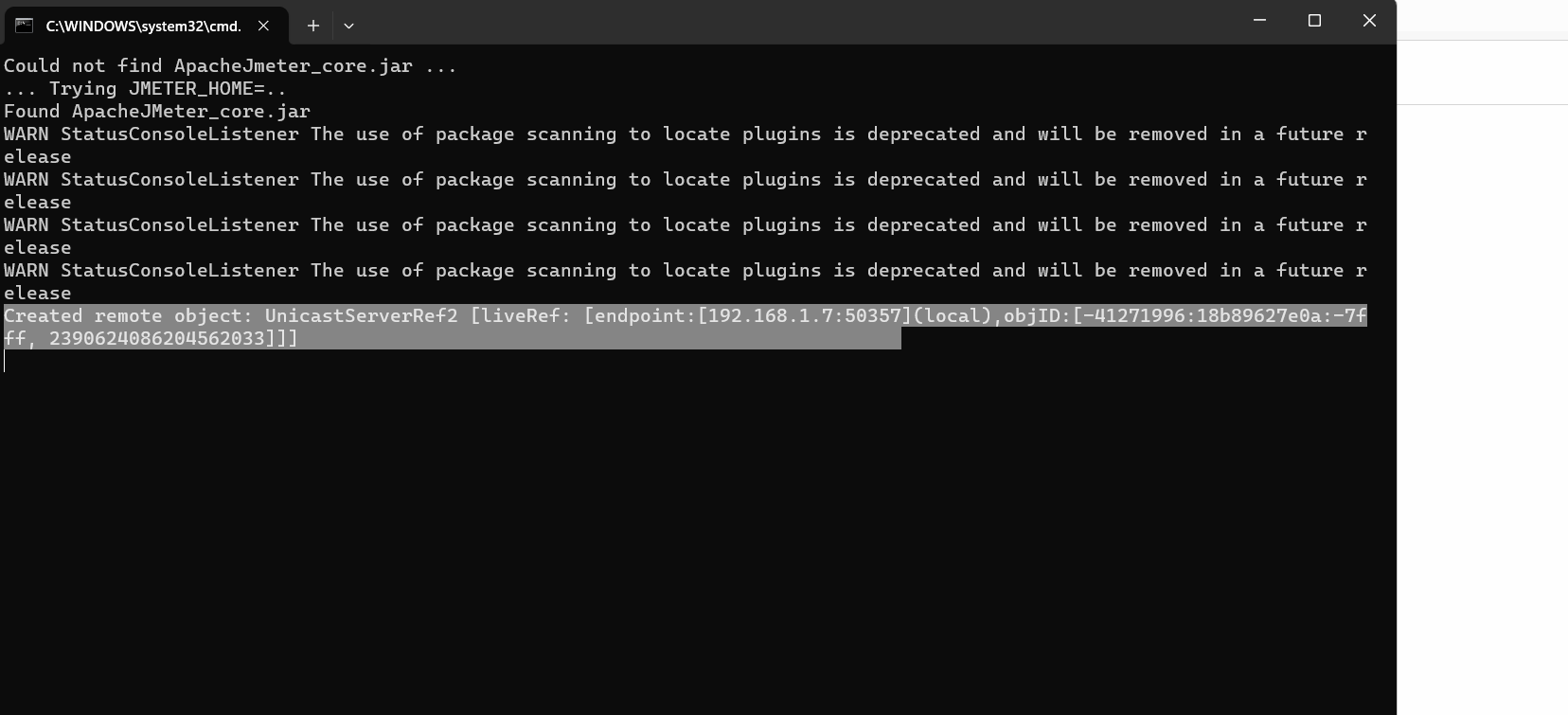
A file with name rmi\_keystore.jks will get generated



In the bin folder itself search for jmeter-server -> windows batch file



Double click on it, it will open command prompt and make connect between master and slave



Keep the command prompt running/open.

Stop and restart jmeter

Create a test on jmeter and go to Menu option 🡪 run 🡪 Click on remote start

