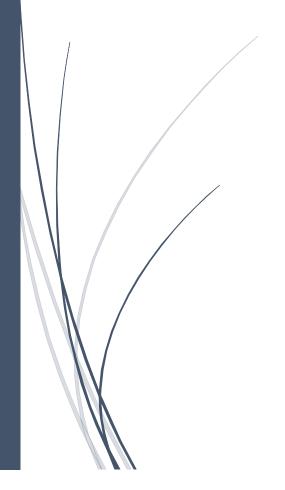
1/6/2023

# IS2109 Information Systems Security

Practical 03



Name: Gunaratne B.S.

INDEX NO: 20020422

#### Q1.

Code: keytool -genkeypair -keystore keystore.jks -storetype JKS -keyalg RSA -keysize 2048 -validity 365 - alias mykey

```
sachintha@sachintha-VirtualBox:-$ keytool -genkeypair -keystore keystore.jks -storetype JKS -keyalg RSA -keysize 2048 -validity 365 -alias mykey Enter keystore password:
What is your first and last name?
[Unknown]: Sachintha Gunaratne
What is the name of your organizational unit?
[Unknown]: Information Systems
What is the name of your organization?
[Unknown]: UGSC
What is the name of your city or Locality?
[Unknown]: Kalutara
What is the name of your State or Province?
[Unknown]: Western Province
What is the two-letter country code for this unit?
[Unknown]: LK

IS CN-Sachintha Gunaratne, OU=Information Systems, O=UCSC, L=Kalutara, ST=Western Province, C=LK correct?
[no]: yes

Generating 2,048 bit RSA key pair and self-signed certificate (SHA256withRSA) with a validity of 365 days
for: CN-Sachintha Gunaratne, OU=Information Systems, O=UCSC, L=Kalutara, ST=Western Province, C=LK
Enter key password for <mykey>
(RETURN if same as keystore password):
```

#### Q2.

Code: sudo nano /opt/tomcat/conf/server.xml

## Q3.

### Code: sudo sh /opt/tomcat/bin/catalina.sh run > tomcat.log 2>&1

