

2. This section is worth 100 points toward the final. Please put all the required documentation in a pdf file called /section02.pdf/.

2.1. Create a folder with at least 100 files. Report three different computer hash values for each file. You must choose hash algorithms without known or suspected collisions.\_\_

Md5sum

d41d8cd98f00b204e9800998ecf8427e file100.txt

d41d8cd98f00b204e9800998ecf8427e file10.txt

d41d8cd98f00b204e9800998ecf8427e file11.txt

d41d8cd98f00b204e9800998ecf8427e file12.txt

d41d8cd98f00b204e9800998ecf8427e file13.txt

d41d8cd98f00b204e9800998ecf8427e file14.txt

d41d8cd98f00b204e9800998ecf8427e file15.txt

d41d8cd98f00b204e9800998ecf8427e file16.txt

d41d8cd98f00b204e9800998ecf8427e file17.txt

d41d8cd98f00b204e9800998ecf8427e file18.txt

d41d8cd98f00b204e9800998ecf8427e file19.txt

d41d8cd98f00b204e9800998ecf8427e file1.txt

d41d8cd98f00b204e9800998ecf8427e file20.txt

d41d8cd98f00b204e9800998ecf8427e file21.txt

d41d8cd98f00b204e9800998ecf8427e file22.txt

d41d8cd98f00b204e9800998ecf8427e file23.txt

d41d8cd98f00b204e9800998ecf8427e file24.txt

d41d8cd98f00b204e9800998ecf8427e file25.txt

d41d8cd98f00b204e9800998ecf8427e file26.txt

d41d8cd98f00b204e9800998ecf8427e file27.txt

d41d8cd98f00b204e9800998ecf8427e file28.txt

d41d8cd98f00b204e9800998ecf8427e file29.txt

d41d8cd98f00b204e9800998ecf8427e file2.txt

d41d8cd98f00b204e9800998ecf8427e file30.txt

d41d8cd98f00b204e9800998ecf8427e file31.txt  
d41d8cd98f00b204e9800998ecf8427e file32.txt  
d41d8cd98f00b204e9800998ecf8427e file33.txt  
d41d8cd98f00b204e9800998ecf8427e file34.txt  
d41d8cd98f00b204e9800998ecf8427e file35.txt  
d41d8cd98f00b204e9800998ecf8427e file36.txt  
d41d8cd98f00b204e9800998ecf8427e file37.txt  
d41d8cd98f00b204e9800998ecf8427e file38.txt  
d41d8cd98f00b204e9800998ecf8427e file39.txt  
d41d8cd98f00b204e9800998ecf8427e file3.txt  
d41d8cd98f00b204e9800998ecf8427e file40.txt  
d41d8cd98f00b204e9800998ecf8427e file41.txt  
d41d8cd98f00b204e9800998ecf8427e file42.txt  
d41d8cd98f00b204e9800998ecf8427e file43.txt  
d41d8cd98f00b204e9800998ecf8427e file44.txt  
d41d8cd98f00b204e9800998ecf8427e file45.txt  
d41d8cd98f00b204e9800998ecf8427e file46.txt  
d41d8cd98f00b204e9800998ecf8427e file47.txt  
d41d8cd98f00b204e9800998ecf8427e file48.txt  
d41d8cd98f00b204e9800998ecf8427e file49.txt  
d41d8cd98f00b204e9800998ecf8427e file4.txt  
d41d8cd98f00b204e9800998ecf8427e file50.txt  
d41d8cd98f00b204e9800998ecf8427e file51.txt  
d41d8cd98f00b204e9800998ecf8427e file52.txt  
d41d8cd98f00b204e9800998ecf8427e file53.txt  
d41d8cd98f00b204e9800998ecf8427e file54.txt  
d41d8cd98f00b204e9800998ecf8427e file55.txt  
d41d8cd98f00b204e9800998ecf8427e file56.txt  
d41d8cd98f00b204e9800998ecf8427e file57.txt

d41d8cd98f00b204e9800998ecf8427e file58.txt  
d41d8cd98f00b204e9800998ecf8427e file59.txt  
d41d8cd98f00b204e9800998ecf8427e file5.txt  
d41d8cd98f00b204e9800998ecf8427e file60.txt  
d41d8cd98f00b204e9800998ecf8427e file61.txt  
d41d8cd98f00b204e9800998ecf8427e file62.txt  
d41d8cd98f00b204e9800998ecf8427e file63.txt  
d41d8cd98f00b204e9800998ecf8427e file64.txt  
d41d8cd98f00b204e9800998ecf8427e file65.txt  
d41d8cd98f00b204e9800998ecf8427e file66.txt  
d41d8cd98f00b204e9800998ecf8427e file67.txt  
d41d8cd98f00b204e9800998ecf8427e file68.txt  
d41d8cd98f00b204e9800998ecf8427e file69.txt  
d41d8cd98f00b204e9800998ecf8427e file6.txt  
d41d8cd98f00b204e9800998ecf8427e file70.txt  
d41d8cd98f00b204e9800998ecf8427e file71.txt  
d41d8cd98f00b204e9800998ecf8427e file72.txt  
d41d8cd98f00b204e9800998ecf8427e file73.txt  
d41d8cd98f00b204e9800998ecf8427e file74.txt  
d41d8cd98f00b204e9800998ecf8427e file75.txt  
d41d8cd98f00b204e9800998ecf8427e file76.txt  
d41d8cd98f00b204e9800998ecf8427e file77.txt  
d41d8cd98f00b204e9800998ecf8427e file78.txt  
d41d8cd98f00b204e9800998ecf8427e file79.txt  
d41d8cd98f00b204e9800998ecf8427e file7.txt  
d41d8cd98f00b204e9800998ecf8427e file80.txt  
d41d8cd98f00b204e9800998ecf8427e file81.txt  
d41d8cd98f00b204e9800998ecf8427e file82.txt  
d41d8cd98f00b204e9800998ecf8427e file83.txt

d41d8cd98f00b204e9800998ecf8427e file84.txt

d41d8cd98f00b204e9800998ecf8427e file85.txt

d41d8cd98f00b204e9800998ecf8427e file86.txt

d41d8cd98f00b204e9800998ecf8427e file87.txt

d41d8cd98f00b204e9800998ecf8427e file88.txt

d41d8cd98f00b204e9800998ecf8427e file89.txt

d41d8cd98f00b204e9800998ecf8427e file8.txt

d41d8cd98f00b204e9800998ecf8427e file90.txt

d41d8cd98f00b204e9800998ecf8427e file91.txt

d41d8cd98f00b204e9800998ecf8427e file92.txt

d41d8cd98f00b204e9800998ecf8427e file93.txt

d41d8cd98f00b204e9800998ecf8427e file94.txt

d41d8cd98f00b204e9800998ecf8427e file95.txt

d41d8cd98f00b204e9800998ecf8427e file96.txt

d41d8cd98f00b204e9800998ecf8427e file97.txt

d41d8cd98f00b204e9800998ecf8427e file98.txt

d41d8cd98f00b204e9800998ecf8427e file99.txt

d41d8cd98f00b204e9800998ecf8427e file9.txt

sha1sum

da39a3ee5e6b4b0d3255bfef95601890afd80709 file100.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file10.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file11.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file12.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file13.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file14.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file15.txt

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da39a3ee5e6b4b0d3255bfef95601890afd80709 file17.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file18.txt

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da39a3ee5e6b4b0d3255bfef95601890afd80709 file1.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file20.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file21.txt  
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da39a3ee5e6b4b0d3255bfef95601890afd80709 file24.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file25.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file26.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file27.txt  
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da39a3ee5e6b4b0d3255bfef95601890afd80709 file29.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file2.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file30.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file31.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file32.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file33.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file34.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file35.txt  
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da39a3ee5e6b4b0d3255bfef95601890afd80709 file51.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file52.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file53.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file54.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file55.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file56.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file57.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file58.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file59.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file5.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file60.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file61.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file62.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file63.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file64.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file65.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file66.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file67.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file68.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file69.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file6.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file70.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file71.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file72.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file73.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file74.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file75.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file76.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file77.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file78.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file79.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file7.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file80.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file81.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file82.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file83.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file84.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file85.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file86.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file87.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file88.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file89.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file8.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file90.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file91.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file92.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file93.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file94.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file95.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file96.txt  
da39a3ee5e6b4b0d3255bfef95601890afd80709 file97.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file98.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file99.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file9.txt

38da31fcd81b496d8507cdb81fa18f5b007bf8b8 md5sum.txt

600fa8c5c74cf30994a30085df34ee22d39c0e55 sha1sum.txt

Sha256sum

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file100.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file10.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file11.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file12.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file13.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file14.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file15.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file16.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file17.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file18.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file19.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file1.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file20.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file21.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file22.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file23.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file24.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file25.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file26.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file27.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file28.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file29.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file2.txt



[illegible]

[illegible]

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file83.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file84.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file85.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file86.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file87.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file88.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file89.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file8.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file90.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file91.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file92.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file93.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file94.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file95.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file96.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file97.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file98.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file99.txt  
e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file9.txt  
eb188e7663b3ad1cd69881c92101872aecc525d8e16aea09de018e3183d08047 md5sum.txt  
e46243460e688d76a4e03410687f698b58a19e84300b4b9a4115bcc5605fb4d8 sha1sum.txt

2.2. Copy all the files from the previous section (100 files) to another operating system. Report the results of validating three different hash values for each file.\_\_

Comparing files md5sum.txt and windows\_md5sum.txt

\*\*\*\*\* md5sum.txt

\*\*\*\*\* windows\_md5sum.txt

\*\*\*\*\*

Sun 05/10/2015

Comparing files sha256sum.txt and windows\_sha256sum.txt

\*\*\*\*\* sha256sum.txt

\*\*\*\*\* windows\_sha256sum.txt

\*\*\*\*\*

Sun 05/10/2015

Comparing files sha1sum.txt and windows\_sha1sum.txt

\*\*\*\*\* sha1sum.txt

\*\*\*\*\* windows\_sha1sum.txt

\*\*\*\*\*

Sun 05/10/2015

2.3. Provide a text copy of the following.

2.3.1. The public key for the login Jim that will expire on 05/18/2015.

-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: GnuPG v1

mQENBFVP1qABCADGdTLvBO41/Rygx9I9p3cAknnZ2SBcrribX78BNZ2+Mvdihbpd  
JIHo1JXwKjsbbUeRwUOXJ2wvb7OPhcWDvcDcqXGmLX3/4G+16OaH4A/auTkxdb7c  
V3KRuKXtnUAzkhYioZVBijp/3empwlhOkV6+c8mw/Y032sjbuWYnVb4IgMh960S  
IB55WXpgC3o2T2cC8+oK174Kwe7bVHFB5H3KoFRBY5tVKBcDVe7D20taetOSaIS1  
Dswf3jYtsKUC4K5UEsmV7f158aSLiIFqJRsl4weIMRgYCfrb5Y9xmSngAPNmVY9u  
T+u6eelqrbxybxJrRzYclSSXYhAl0iAxxO/DABEBAAG0BUppbTVjiQE8BBMBCgAm  
BQJVT9agAhsDBQkACZswBQsJCAcDBRUKCQgLBBYCAQACHgECF4AACgkQ7MgOiMwK

2pJvFQf/VoQHdQJk2Aw7ZWDL+l6kJSIeCgkGuabpdgCeIJda02UDu10DGrSYGTW7  
ZV2rUCOhZDK8zIByR1AtCoAG98X2Nf4o02hKnqfErZsY7ZSIEp/SQp4+1lgUaL7O  
V5Y1LpcJzDEGjKw3pA5Aq3aH9kPKR92VNtzIUXJCOAJJWaW040TjsFO5wJU4q2j5  
UY4kqnpu2OUaDMoJBw0VfU93Qt9AfNGAED3ZEY67xRAS9hv1OK+OZRU2P6WuFZqk  
yn1d5itZZ4/VFXnvuywLaS6FWWPE67iAG51IPYyfW32jkGY0yH9TgVajy1oQFGBq  
m0JAfyFpUiMOq1mxJwP5deIRIY2Vy7kBDQRTV9agAQgAwno8CY+xeoHAdv3DSMYa  
2y83swROqWSlylZ518BV6Q8PD8Hx/pRCdYl9oxlQxjtBbtX1GdbCQlIjVSM4pcdI  
HYkBJDo3mFuftolQ07VBDqOIMm4c0PWCswtnn4YIA+1w9Ppidk1Rde3feqqUsW+K  
ZoT0BcgG1RKYEW5XTxPrp9QK2v+52gdFd100UglHgSeGz9OMISnnt2ctchNmt/m6  
HPHd6D0PXUHRw9SV77YT5jAzyVX2NuAVW8a2k1qJkrcQQFqfCso8ZaGod53FObX  
Lm+RNx4cMAB56rF2K45sRWi+1qYg/os/5KJHLD371/i+vwC0rj1+Fo4FwRC2iSd9  
ywARAQABiQEIBBgBCgAPBQJVT9agAhsMBQkACZswAAoJEOzIDojMCtqYrdMH/19O  
1thrihXGFwcdhVZxf+0cDHRvDyRmUtuHKseojL1dlomBOsz0/MvsUmFh4vsKT5qW  
CMERiuP3EHJaselkFA39nBnTdYcyYZ4vU55yhNf/S9DN0sZJdeFoIlg+n6zdFfRY  
bBMOJIKM3iLVMXyXM+I757Tchr4Abg49twgrh0F6MUh84/r1YeKsOmXX7Q5uHuo+  
m2Dk8ksG2i7332n9q8rTGrNWd4yzEykJMdHyIyH/J4lvLLw4Q3QrpvEc0D0WG7aK  
1/dPePrkSToja2Et+0p23xNaJPBmB3OExO7sQydXUf/r9rk1pSRMkTvNzCxCB9hT  
2+duUnGQgbxT0Ky4/wA=  
=LuxM  
-----END PGP PUBLIC KEY BLOCK-----

2.3.2.The public key for the login Larry that will expire on 05/18/2015.

-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: GnuPG v1

mQENBFVP15UBCAC6e0C5CPyb1/wEK3+/d36b7iYx2CAQBYAcyISKZLzXjkEQw2gd  
V5P/xNcV1LA+MKaPKQnWcvh3doqSVNb3CTGo3QND8MaAFLZdVH9xNGd9jzcSs9To  
oY7sHE1OPZRtqxAuRbrP9qg4AYqCgrRL7ksalSui05nVjWtDHWdws/bPbsiFNQcN  
u08U9UT8qFZJAg4VyIcmk/cJuvwee6TiKoVIMTG4gRcn9+KDObp+8cC1BOWfhUna  
JDoXHalZPs4Wha78FwlycOBzkEDJbXLWAP4TD6BEWa4YN8IRG5ugIMyw03QqjArL

1ytQ+EVbs9ChbhDY79ET4PDCIbE0wU4usZ8DABEBAAG0BUxhcnJ5iQE8BBMBcGAm  
BQJVT9eVAhsDBQkACZo7BQsJCAcDBRUKCQgLBbYCAQACHgECF4AACgkQ5yMABRgR  
XcXtGAf8DxCn8BLMdv2V5WMt04b3BpVMrOa8b6mrtXprFx/loNHHkrPrwwhQsu0v  
+Rr8L3kQJtu41f9scjdPvgD2IeYzDQ9653jdpWhs11KVRtM2rTi3B1DsV0DCMgtx  
YR8jMlteagiMxx8zgui062rGP5cHqfKh4WRvrP3ZQJkEky45o13MZgeACqOKZZr9  
x0FhzwGRJF9HyGNbYEnuZvHhtnbnoAiFK0TvpJw9saZTj+z8gaLCSxFldl84K5  
lfza1GRLD7r6LStyCaDQCUC4wKVkwsVfOEzuQvvgwL9vOpU/VDtOb3Fk2PZfPz66  
Lh4uEyckImT4fJRBs+1FtZtPxhSJNbkBDQRTV9eVAQgA39kJUPxoxfZKuA2O95kv  
TH8LzZRS6SLhCfVtE19UOGGFqagOs5H2eB76LxDwBWqk3IAaeW2Sn8cFFUkUxyBX  
q0NNLQjzFb30YcX89UXdgqci4IU9nJBhAU8Tsa2vzwreVPYEGPGv78IGrxxUT2n2  
geDFu2+xCOmdNNWfJLQ5K4f6eyW3OxH73/rfkOoajCjUFjJ32AT4xmZILoyKRnte  
1p2//yBovwO4b/iLeIj8mY9fHCRu6zWPPvUdicNw2FiJYKOF86jvV2aSgNXUtsz/  
m3rjJqi/MNPtociwNuu9awY5IfkuA4Uk4RIJqA1/Auj8gEy1GTOWt3jdiJDmx95  
cwARAQADiQEIBBgBCgAPBQJVT9eVAhsMBQkACZo7AAoJEOcjAG0YEV3FwpMH/0G3  
8K8MfxTXzVBXSzCKHvSJrIBONQLYnZG1MmLdM3WJ3SEDhpwmq7DGOjszPRDfh+Zt  
S1P+Dm1kHV20uC2h0Kiut3wW3LRkLq2KgFhMD3HXAeszm3ndOwJzYuPq3wG/mkEU  
T5fI5bhAQq0Y10PCV1XhzyxNBGbbccDy5M0MNuMqY7eaT/Q5/cmIEIYOgSOw0sVG  
3IWQpEFaTfVZszA2qHxRoFoRB9r3nlzdfp4m/ZjQCDr+JDjV2Rr4tIJu/E5s8w2M  
eLMYnpS6EoEnsLVZ/dGhmC2m2kmYDHXVpouTITUAfv7JqXactNAmNz6mNxP+4Vff  
qBedlZx+P5bsIXhaKe4=

=Jlc+

-----END PGP PUBLIC KEY BLOCK-----

2.3.3.The public key for the login Pat that will expire on 05/18/2015.

-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: GnuPG v1

mQENBFVP1/QBCADCmEtNvmhGuG/gYUaUooBp8Ro91Dk/LNGazfGNND09A2ZCjzk5  
bZrR3+Y6T+aFBx5J/NFzM4ax5sNpWEqzy6/7uT6oywwGPpwS+qvYVcAFyJCdTI1M  
/syE/ZNLfHgGh6qXl3Ba1OjzctTEk4tkCNb6GrTRdwNqJ7N1oA3r+wtkQYFIaAbn

amBIKA9+zaD9ZPYzPfT2vK6iJHnOAYcsC8BxwRSDF0LxzM26MUkypZ227SrXImpZ  
H07nrohLua4XvxUIsXiTK4Ff8n58l4zU9RfywMcj06/PETCviWi/ITfjQOVp6wb  
KSwsIIESqLLcJ+BKpfGbind+nuX5V7o/0LxEBABEBAAG0BXBhdDVjiQE8BBMBcGAm  
BQJVT9f0AhsDBQkACZncBQsJCAcDBRUKCQgLBbYCAQACHgECF4AACgkQlqBNXYaY  
dT3dvAf/bktJInoowHduF5VBmA7iwgYoZW9rFF+svBdJ9BNp5AixutNpIQaOKJHX  
BGXZRa/IJhO23JbTLAA2nR0qPcyqkteoeXi/f4K86bpRMMET7NNeqjSbWhxVbjkA  
QTAcTq9WmwOpNEgceJBdGs2fs/iMiNE1hzEbi7x27UdJ4xSMrnOQrE1nHzVkkPMQ  
AfuSYR9qQhNH550w5DnddISLocDojNY2NOWnuE02IiwSYa2h8lkk1SPQBhOT5KGq  
I0RSDBE7tgCXiO7rO3F1zLJNKx90Z73FBPjEFPgCnLZiuVRzSPjzCSlrdvJjDU  
2/AxN6tHtubJmk5GUHkNKzl3VRcj8LkBDQRVT9f0AQgAxG+Tu4eX2fPFGfW83sJF  
05NodwySRgsLRxI6EHui66tcsMH82GX/I8fNxYyXMkAs07s2m7f+Vgzno/Ga0/7M  
iIucF9TFhspTqaDcKpT2gmq6CjPBHOQkIBa2WdOF89N2GO/SfhX/5D5z5a9WHrI  
DRXMNeQ9vNUyPxLgoznEmEkiYbQ7dYV1jmPIL8yIXeVDfIHuvsZChS82krXb68k  
XOaZmSsQ5A76gIhvEdumCrOmGKbVKtLKUDddh9nKZ74Q7qkyQQIZxpxU2hdMreE1  
RF97JQYTTu2AXbXq+xZFc+BZve1HOIfMWggZJ5XTHhc0StFP/35FXFLt6bY38JT  
RwARAQABiQEIBBgBCgAPBQJVT9f0AhsMBQkACZncAAoJEJagTV2GmHU9/2wIAJBp  
19mbVoXQb+1/4Y8kajXBw0E8AeZs5SILWYf2bS54Ts0+/hmBD+hz099powHOBtmy  
2Tr9h29+qDBTyuNNecQL9DjMYZfQOtg5pzFIS7J6yKSan47rDbILafAs/vjOWcwg  
mMjPg0OhC+A+/tBpk9N2WO3c7OAAIzu28eKFMjh3FsI3rpmHKiOV6y2O48FiaL1R  
2E3AziuCXm13kO6nNrWsUsAqKHxa46JNBD6F6ET2TI96x3kDz7WM1FRINZjL9s8u  
NP/j6kHvyTIUkg7MSOcMTaRAYldlkYCF2jJnel10Ltt7Etc0kgWqY6kq2hIFavRI  
Sk7+8pgKdwM8zH2buFU=  
=nn/d  
-----END PGP PUBLIC KEY BLOCK-----

2.3.4.The private key for the login Jim that will expire on 05/18/2015.

[Jim5c \(ECC80E88CC0ADA98\) pub sec.asc](#)

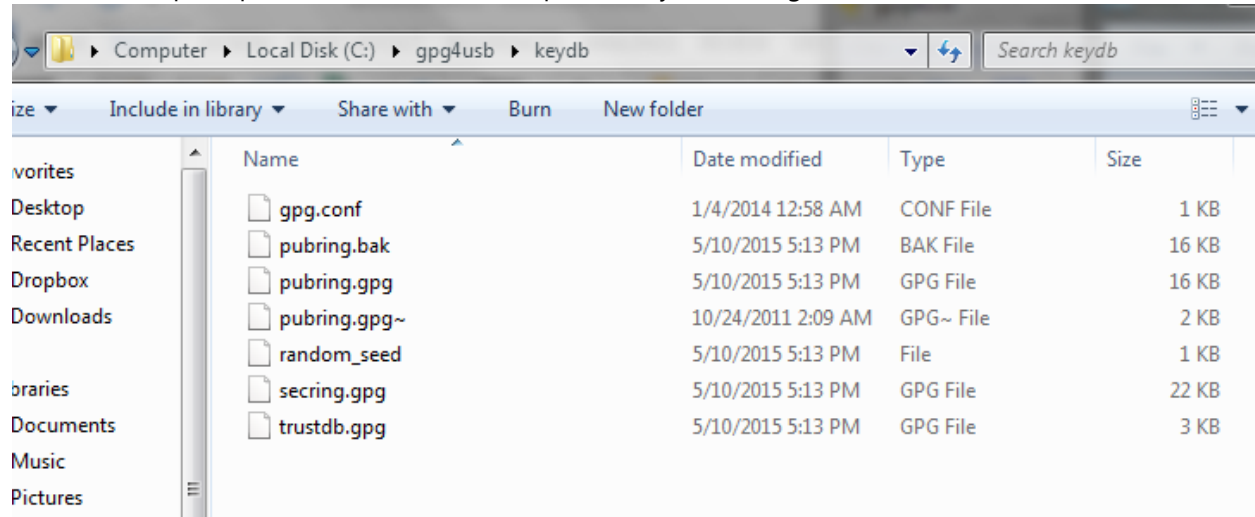
2.3.5.The private key for the login Larry that will expire on 05/18/2015.

[Larry \(E723006D18115DC5\) pub\\_sec.asc](#)

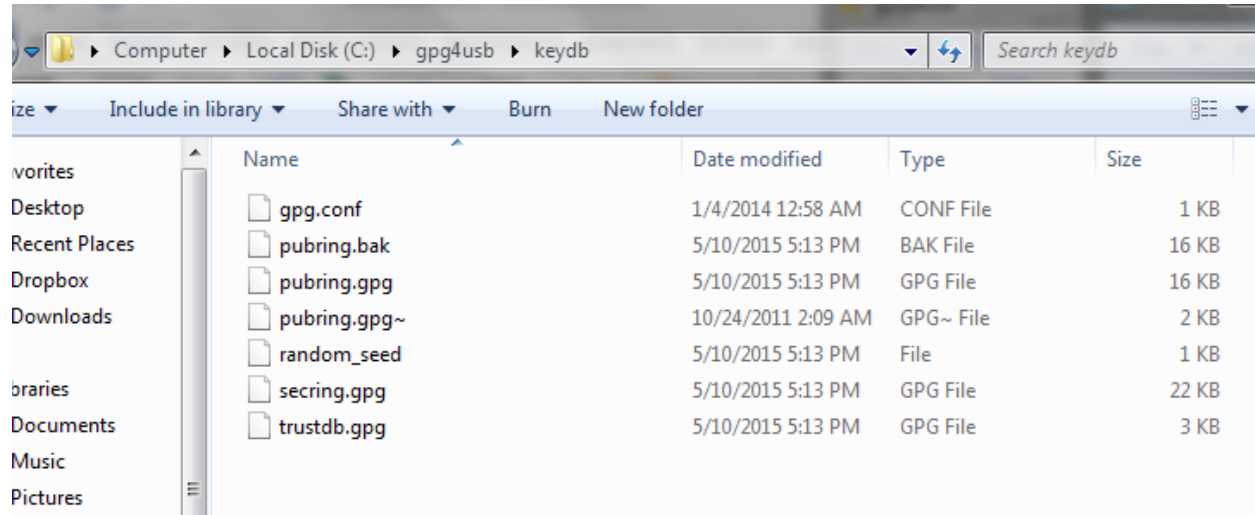
2.3.6.The private key for the login Pat that will expire on 05/18/2015.

[pat5c \(96A04D5D8698753D\) pub\\_sec.asc](#)

2.3.7.The complete path and file name of the private key for the login Jim.

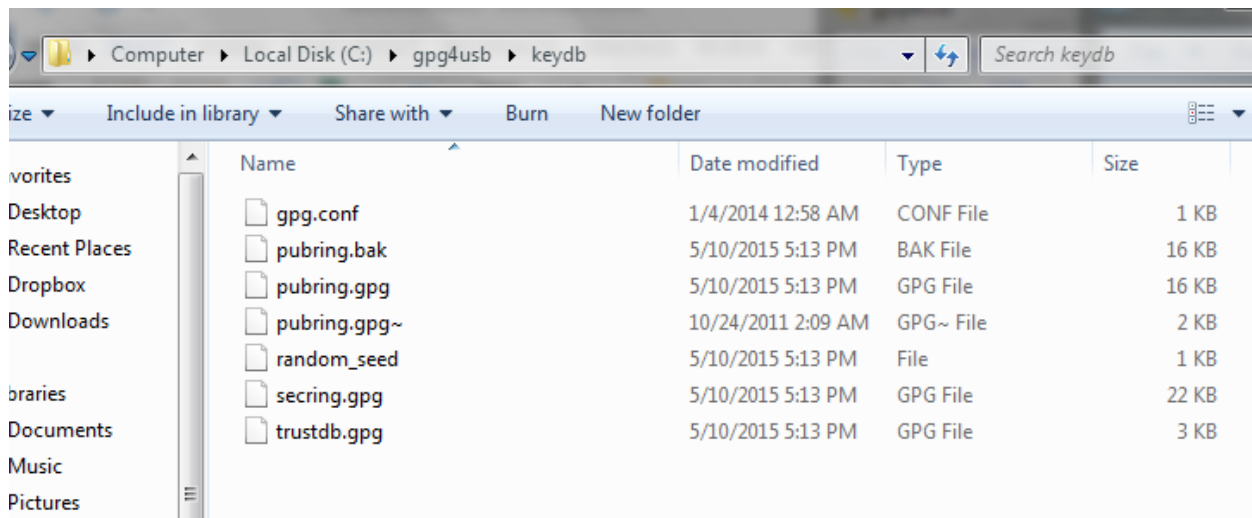


2.3.8.The complete path and file name of the private key for the login Larry.



2.3.9.The complete path and file name of the private key on for the login Pat.





2.4. Provide the following complete documents.

2.4.1. A plain text digitally signed document by Jim's key.

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA512

Plain Text

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1

```
iQEcBAEBCgAGBQJVT9njAAoJEOzIDojMCtqYN8oH+gKCsv3iEqiYuZngtu9T1JJD
OZAJp9FfW0vL5zxQFMJZKWio7/7FdXV30U8ntl0kMD3Wo2/1zWR3zA8kiBLj7pND
vTVS552iiCZVr6J3Bw2TynNBQcPPleI13ovpaeO8oS0m1O5x4kCLi8VxT27kPasH
98Pivindhnp13IH6Q2dHL+2MobsrjcN9v/YAYOTgLudIuUzpGdLfJB15cpC3mKLq
0SJQwL5ao5EVBIPj1IajDnUxiVdRvWhL6zT1k1QWtgIjANuv98S879T/gXmD5hPD
TQXFNPpxD1SchauoOPYSH7u5sNF9m5zIzDCW4oaoPkIVvsyTaGLN3flAtc6R3e8=
=siRY
```

-----END PGP SIGNATURE-----

2.4.2. A cipher text document encrypted with Larry's key.

-----BEGIN PGP MESSAGE-----

Version: GnuPG v1

```
hQEMA/tGNd9pKaxqAQf/XThayeul+cvmJPHoFG+EnFUOV+vrQiCqQcKigaUduiY1
R3Cho1yWztO1SnBL/6b2cAYsgyCT5mZ018KeRVpJ8ACvjZRmDChTDvQUEpzmFrs5
QyNOEsAyJbYGUTHKs8uIefriJfmDAkWFqdbVpzPxKFCllGp8lj7YY3uS/ZnlrALX
gB0Uv2iWYGZ7Dg70vxTBnJjH0rYxmfJ0D+I/WTUxJSM9i0nP9iYiyLoUzPYZU+TG
SKYFeFHktnfXtuhyLG1OekWEih+/f8DmlfymupCPZmhphMrCAAi/cOh4OaKPKgx6
/dNvnAo01zKGf93QghDxYUFptzcAt0qnp6NDR8qhZ9JGARVVCyP32a6HK37G1zRb
x8ZQ2R/4WuY4IFoaGCXw91pubjRHBT2jmPUatq5p7pyo4oUP25cnbjI3kaZ6dhkq
2Y5eKRvoBg==
=2iHF
```

-----END PGP MESSAGE-----

2.4.3.A cipher text and digitally signed document signed by Larry's key and encrypted with Pat's key.

-----BEGIN PGP MESSAGE-----

Version: GnuPG v1

hQEEMA4TJ7pdWlaXoAQf/YGYvMuVjHcMBIZqGyk2tBT37CdFoJ8BQaKJj+5Ql8i9H  
BMCfu3LZpc/KITfKnZQnmYQITngMCjvN6U2YN/jhr512wPH6CF0+kOlV3Fd9z92r  
nqUMLbYY21EbygHKCr8fEMvqbPE4ok7jDH8nUYbkRIVmfvf3KjI1ohOrwFyTpVLj  
ADC1Dvna/IJzBv+LIcO3u48Klnjo8FbQqQLpsNEQPAFYJuUPOddTdnYi+VfSXXX  
W321Hk/svPmTw8k0G1jSxz6Dhv9KQuwLstlipgpSjVnYTsvibubw8+5M2oz+utDS  
bSr1EZ+30NBVDVF4/S/YH4q6YeN2fi3RyyF4VAmVUtLBIAFIx1ZFQzVHLcjLNt5+  
i/bHMptHjSelQqcEUA+cfVJ1lmNUxkqZSQm7a662pmFDlkqVRGKfPMY/Ihy2XNgr  
4TJQZkloMNUexk6OB47x1eA9PnGc5FXoZtSlc60Mcb9rtvUX1UTJswfY95IDsvBk  
upk44Eybi86cK5Yygg40AY+uA+apd5GxbSbxnF5oehSWNwSd+iwam16j/cmIHjE8  
OUZnmtPNLUm/MtWzo0AngkKBATWjY6mcsSiVU5Zs6PaP+UPLGtnv03XmMF2jM39K  
7JSwTpst81/45qNW8Y28PQR2AiiJEOSwrc5c1dGM/DPF4g+qJ+U5QwGnlVE2IhR5  
78nDtJC/YH3HOo/EfMAYiNc9pnKQEfN67MX0eC0z4k08eqdhGddmOtzVJxG6W59B  
/D0gKiGjhUyBrf30D4LxOecjEkqemuPScmFU+NVGKeVGIFnm+4tiLNJz9XpKNuK5  
F95xgJTcaM8mWi70kw4yIurqZ5PwW1hUMeCKK7e1W7bNmR3ejcXq4uioD2SRvsSS  
QR/b0dy71InXYxQXxeIUtSKdUTJOWIVNi4y8esUWGEeAvhER2ntOwawoFPTe4dh4  
2CZDaiUShtLCX/qwiAg5bFX0GEHcEiCsY5VEIr1uBLdRQ==  
=20uz

-----END PGP MESSAGE-----

2.5. Provide a copy of each of the encrypted documents successful decrypted.

2.4.2

Cipher Text

2.4.3

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA512

Cipher Text

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1

iQEcBAEBCgAGBQJVT9r0AAoJEOcjAG0YEV3Fq7AH/2YHW09zmydvFsBLEjgD40JX  
GiTovJc9ugBuOvzmhL85ftR4FQlWkyptXO7mE0+/xfZvId3BSsmvWuCO+tNvuO6S  
DGVfkwUr5suCFRjKYTQF9wR+JnOoyruGC7eZk0l+vzHZyx9MNfMzAto/X4Wy6jn0  
Jv2BNtZDDipDyEgo/HHlg/cDFjCernuxCGFLI4hRFIRxAI1wpD2KCA4bZXLBN5jp  
Y41RWPWNWUoSGM7d2+HfCwz3uUXMd8cbtjvpxAI2fkk4XVwla5IB5GSTYNlncgmCH  
deUH96wAc1X7cwTU/LIzN9/QdftO+Yx+HSiJB1uy0oClcjYnOajEp2XG+mAzkDk=  
=IBiq

-----END PGP SIGNATURE-----