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

da39a3ee5e6b4b0d3255bfef95601890afd80709 file16.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file17.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file18.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file19.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file1.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file20.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file21.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file22.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file23.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file24.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file25.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file26.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file27.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file28.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file29.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file2.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file30.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file31.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file32.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file33.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file34.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file35.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file36.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file37.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file38.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file39.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file3.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file40.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file41.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file42.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file43.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file44.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file45.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file46.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file47.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file48.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file49.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file4.txt

da39a3ee5e6b4b0d3255bfef95601890afd80709 file50.txt

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

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file30.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file31.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file32.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file33.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file34.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file35.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file36.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file37.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file38.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file39.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file3.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file40.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file41.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file42.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file43.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file44.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file45.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file46.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file47.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file48.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file49.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file4.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file50.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file51.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file52.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file53.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file54.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file55.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file56.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file57.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file58.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file59.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file5.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file60.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file61.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file62.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file63.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file64.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file65.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file66.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file67.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file68.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file69.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file6.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file70.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file71.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file72.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file73.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file74.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file75.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file76.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file77.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file78.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file79.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file7.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file80.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file81.txt

e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855 file82.txt

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

V3KRuKXtnUAzkhYioZVBiBjp/3empwlhOkV6+c8mw/Y032sjbuWYnVb4IgMh960S

IB55WXpgC3o2T2cC8+oK174Kwe7bVHFB5H3KoFRBY5tVKBcDVe7D20taetOSaIS1

Dswf3jYtsKUC4K5UEsmV7f158aSLiiFqJRsI4welMRgYCfrb5Y9xmSngAPNmVY9u

T+u6eelqrbxybxJrRzYclSSXYhAl0iAxgO/DABEBAAG0BUppbTVjiQE8BBMBCgAm

BQJVT9agAhsDBQkACZswBQsJCAcDBRUKCQgLBBYCAQACHgECF4AACgkQ7MgOiMwK

2pjvFQf/VoQHdQJk2Aw7ZWDL+l6kJSIeCgkGuabpdgCeIJda02UDu10DGrSYGTW7

ZV2rUCOhZDK8zlByR1AtCoAG98X2Nf4o02hKnqfErZsY7ZSlEp/SQp4+1lgUaL7O

V5Y1LpcJzDEGjKw3pA5Aq3aH9kPKR92VNtzIUXJCOAJJWaW040TjsFO5wJU4q2j5

UY4kqnpu2OUaDMoJBw0VfU93Qt9AfNGAED3ZEY67xRAS9hv1OK+OZRU2P6WuFZqk

yn1d5itZZ4/VFXnvuywLaS6FWWPE67iAG51IPYyfW32jkGY0yH9TgVajy1oQFGBq

m0JAfyFpUiMOq1mxJwP5delRlY2Vy7kBDQRVT9agAQgAwno8CY+xeoHAdv3DSMYa

2y83swROqWSlylZ518BV6Q8PD8Hx/pRCdYl9oxlQxjtBbtX1GdbCQlljVSM4pcdI

HYkBJDo3mFuftolQ07VBDqOIMm4c0PWCswtnn4YIA+1w9Ppidk1Rde3feqgUsW+K

ZoT0BcgG1RKYEw5XTxPrp9QK2v+52gdFd100UglHgSeGz9OMlSnnt2ctchNmt/m6

HPHd6D0PXUHRw9SV77YT5jAzyVX2NuAVW8a2k1qJkrcQQFqfCsvo8ZaGod53FObX

Lm+RNx4cMAB56rF2K45sRWi+1qYg/os/5KJHLD371/i+vwC0rj1+Fo4FwRC2iSd9

ywARAQABiQElBBgBCgAPBQJVT9agAhsMBQkACZswAAoJEOzIDojMCtqYrdMH/19O

1thrihXGFwcdhVZxf+0cDHRvDyRmUtuHKseojL1dlomBOsz0/MvsUmFh4vsKT5qW

CMERiuP3EHJaselkFA39nBnTdYcyYZ4vU55yhNf/S9DN0sZJdeFoIlg+n6zdFfRY

bBMOJlKM3iLVMXyXM+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

JDoXHalZPs4Wha78FwlycOBzkEDJbXLWAP4TD6BEWa4YN8lRG5ugIMyw03QqjArL

1ytQ+EVbs9ChbhDY79ET4PDCIbE0wU4usZ8DABEBAAG0BUxhcnJ5iQE8BBMBCgAm

BQJVT9eVAhsDBQkACZo7BQsJCAcDBRUKCQgLBBYCAQACHgECF4AACgkQ5yMAbRgR

XcXtGAf8DxCn8BLMdv2V5WMt04b3BpVMrOa8b6mrtXprFx/loNHHkrPrwwhQsu0v

+Rr8L3kQJtu41f9scjdPvgD2IeYzDQ9653jdpWhs11KVRtM2rTi3B1DsV0DCMgtx

YR8jMlteagiMxx8zgui062rGP5cHqfKh4WRvrP3ZQJkEky45o13MZgeACqOKZZr9

x0FhzwGRJF9HyGNbYEnuZvvHhtnbnoAiFK0TvvPJw9saZTj+z8gaLCSxFldl84K5

lfza1GRLD7r6LStyCaDQCUc4wKVkwsVfOEzuQvvgwL9vOpU/VDtOb3Fk2PZfPz66

Lh4uEyckImT4fJRBs+1FtZtPxhSJNbkBDQRVT9eVAQgA39kJUPxoxfZKuA2O95kv

TH8LzZRS6SLhCfVtE19UOGGFqagOs5H2eB76LxDwBWqk3lAaeW2Sn8cFFUkUxyBX

q0NNLQjzFb30YcX89UXdgqci4IU9nJBhAU8Tsa2vzwreVPYEGPGv78IGrxxUT2n2

geDFu2+xCOmdNNWfJLQ5K4f6eyW3OxH73/rfkOoajCjUFjJ32AT4xmZlLoyKRnte

1p2//yBovwO4b/ILelj8mY9fHCRu6zWPPvUdicNw2FiJYKOF86jvV2aSgNXUtsz/

m3rjJqi/MNPtocciwNuu9awY5IfkuA4Uk4RIJqA1/Auj8gEy1GTOwT3jdiJDmx95

cwARAQADiQElBBgBCgAPBQJVT9eVAhsMBQkACZo7AAoJEOcjAG0YEV3FwpMH/0G3

8K8MfxTXzVBXSzCKHvSJrIBONQLYnZG1MmLdM3WJ3SEDhpwmq7DGOjszPRDfh+Zt

S1P+Dm1kHV20uC2h0Kiut3wW3LRkLq2KgfHMD3HXAEszm3ndOwJzYuPq3wG/mkEU

T5fI5bhAQq0Y10PCV1XhzyxNBGbbccDy5M0MNUmQY7eaT/Q5/cmlElYOgSOw0sVG

3IWQpEFaTfVZszA2qHxRoFoRB9r3nlzdfp4m/ZjQCDr+JDjV2Rr4tIJu/E5s8w2M

eLMYnpS6EoEnsLVZ/dGhmC2m2kmYDHXVpouTITUAfv7JqXactNAmNz6mNxP+4Vff

qBedlZx+P5bsIXhaKe4=

=JIc+

-----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/LNGazfGNNDo9A2ZCjzk5

bZrR3+Y6T+aFBx5J/NFzM4ax5sNpWEqzy6/7uT6oywwGPpwS+qvYVcAFyJCdTI1M

/syE/ZNLFHgGh6qXl3Ba1OjzctTEk4tkCNb6GrTRdwNqJ7N1oA3r+wtkQYFIaAbn

amBlKA9+zaD9ZPYzPfT2vK6iJHnOAYcsC8BxwRSDF0LxzM26MUkypZ227SrXImpZ

H07nrohLua4XvxUIsXiTK4Ff8n58l4zU9RfywMcj06/PETCviWi/ITfIjQOVp6wb

KSwsllESqlLcJ+BKpfGbnd+nuX5V7o/0LxEBABEBAAG0BXBhdDVjiQE8BBMBCgAm

BQJVT9f0AhsDBQkACZncBQsJCAcDBRUKCQgLBBYCAQACHgECF4AACgkQlqBNXYaY

dT3dvAf/bktJlnoowHduF5VBmA7iwgYoZW9rFF+svBdJ9BNp5AIxutNpIQaOKJHX

BGXZRa/IJhO23JbTLAA2nR0qPcyqkteoeXi/f4K86bpRMMeT7NNeqjSbWhxVbjkA

QTAcTq9WmwOpNEgceJBdGs2fs/iMiNE1hzEbi7x27UdJ4xSMrnOQrE1nHzVkkPMQ

AfuSYR9qQhNH550w5DnddlSLocDojNY2NOWnuE02IiwSYa2h8lkk1SPQBhOT5KGq

I0RSDBE7tgCXiO7rO3F1zLJNKx90Z73FBPjEFPGcNLZiuVRzSPjpzCSIrtdvJjDU

2/AxN6tHtubJmk5GUHkNKzl3VRcj8LkBDQRVT9f0AQgAxG+Tu4eX2fPFGfW83sJF

05NodwySRgsLRxI6EHui66tcsMH82GX/I8fNxYyXMkAs07s2m7f+Vgzno/Ga0/7M

iIucF9TFhspTqaDcKpT2gmq6CjPBHOQkIIBa2WdOF89N2GO/SfhX/5D5z5a9WHrI

DRXMNeQ9vNUyPxLgoznEmEkiYbQ7dYV1jmPIL8yIXeVDlflHuvsZChS82krXb68k

XOaZmSsQ5A76gIhvEdumCrOmGKbVKtLKUDddh9nKZ74Q7qkyQQIZxpxU2hdMreE1

RF97JQYTTu2AXbXq+xZFcf+BZve1HOlfMWggZJ5XTHhc0StFP/35FXFLt6bY38JT

RwARAQABiQElBBgBCgAPBQJVT9f0AhsMBQkACZncAAoJEJagTV2GmHU9/2wIAJBp

19mbVoXQb+1/4Y8kajXBw0E8AeZs5SlLWYf2bS54Ts0+/hmBD+hz099powHOBtmy

2Tr9h29+qDBTyuNNecQL9DjMYZfQOtg5pzFIS7J6yKSan47rDblLafAs/vjOWcwg

mMjPg0OhC+A+/tBpk9N2WO3c7OAAIzu28eKFMjh3FsI3rpmHKiOV6y2O48FiaL1R

2E3AziuCXm13kO6nNrWsUsAqKHxa46JNBD6F6ET2Tl96x3kDz7WM1FRlNZjL9s8u

NP/j6kHvyTIUkg7MSOcMTaRAyldlkYCf2jJnel10Ltt7Etc0kgWqY6kq2hlFavRl

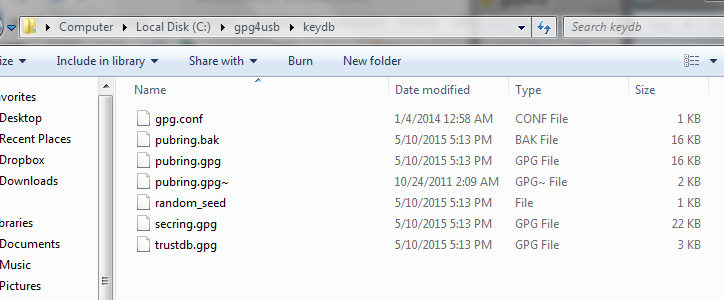
Sk7+8pgKdwM8zH2buFU=

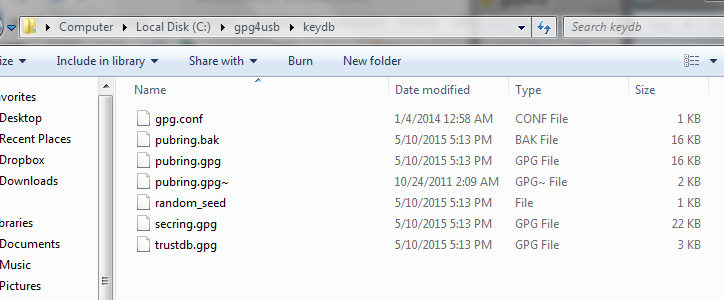
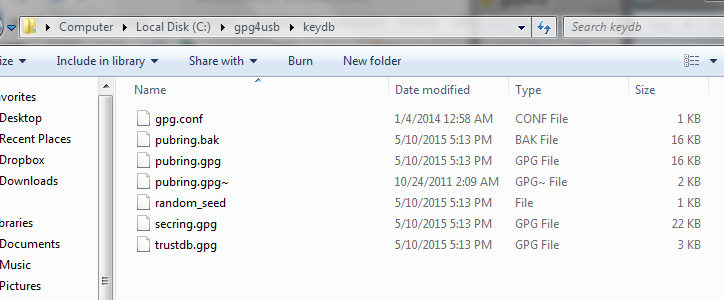
=nn/d

-----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](Jim5c%20(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](Larry%20(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](pat5c%20(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

98Pivindhnpl3IH6Q2dHL+2MobsrjcN9v/YAYOTgLudIuUzpGdLfJBl5cpC3mKLq

0SJQwL5ao5EVBIpJ1IajDnUxiVdRvWhL6zT1k1QWtgIjANuv98S879T/gXmD5hPD

TQXFNPPxD1SchauoOPYSH7u5sNF9m5zIzDCW4oaoPklVvsyTaGLN3flATc6R3e8=

=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

QyNOEsAyJbYGuTHKs8uIefriJfmDAkWFqdbVpzPxKFCllGp8Ij7YY3uS/ZnlrALX

gB0Uv2iWYGZ7Dg70vxTBnJjH0rYxmfJ0D+I/WTUxJSM9i0nP9iYiyLoUzPYZU+TG

SKYeFHktnfXtuhyLG1OekWEih+/f8DmlfymupCPZmhpthMrCAAi/cOh4OaKPKgx6

/dNvnAo01zKGf93QghDxYUFptzcAt0qnp6NDr8qhZ9JGARVVCyP32a6HK37G1zRb

x8ZQ2R/4WuY4lFoaGCXw91pubjRHBT2jmPUatq5p7pyo4oUP25cnbjI3kaZ6dhkq

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

hQEMA4TJ7pdWlaXoAQf/YGYvMuVjHcMBIZqGyk2tBT37CdFoJ8BQaKJj+5Ql8i9H

BMCfu3LZpc/KITfKnZQnmYQlTngMCjvN6U2YN/jhr512wPH6CF0+kOlv3Fd9z92r

nqUMLbYY21EbygHKCr8fEMvqbPE4ok7jDH8nUYbkRlVmfvf3KjI1ohOrwFyTpVLj

ADC1Dvna/IJzBv+LIfCO3u48Klnjo8FbQqQLpsNEQPAFYJuUPOddTdnYi+VfSXKK

W321Hk/svPmTw8k0G1jSxz6Dhv9KQuwLstIipgpSjVnYTsvibubw8+5M2oz+utDS

bSr1EZ+30NBYDVF4/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

2CZDaiUShItLCX/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/cDFjCcrnuxCGFLI4hRFIRxAI1wpD2KCA4bZXLBN5jp

Y41RWPNWUoSGM7d2+HfCwz3uUXMd8cbtjvpxAI2fkk4XVwla5IB5GSTYNlncgmcH

deUH96wAc1X7cwTU/LIzN9/QdftO+Yx+HSiJBIuy0oClcjYnOajEp2XG+mAzkDk=

=IBiq

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