



Centre for Advance Studies
Dr. APJ Abdul Kalam Technical University
Secure Software Design and Operating System Security
(Code: MCySC-202)

Date Thursday 8th February, 2018

Time: 10:30 AM- 12:30AM

Lab 4

Lab type: Evaluative (non evaluative)

Integrity check

You are a Smart student of CyberSecurity department, CAS. As you have learnt hashing algorithm in last lecture of SSD&OSS and created Signatures (hash digest) of all files in the system allotted in General Computing Lab.

Last night some intruder came inside the Lab and have changes some of the files on the systems of General Computing Lab.

Now you are asked to write a script/code to find that how many files are changed in the system with there locating directory.

Output format

n (*Number of files changed*)

$filename_1, location$

$filename_2, location$

..

$filename_n, location$

1 Extra

- a Find the number of files and their names and location, which are **deleted from the system**.
- b Find the number of files and their names and location, that are newly **added to your system**.