**Operating System**

**Assignment 7**

Name- Ashutosh Soni

Id- 2018ucp1505

**Disk Access :**

RPM = 7,200

Avg Seak = 9ms

Max Transfer = 105MB/s

Latency = 30/7200

= 4.16ms

Transfer time = 1000\*(16K/105M)

= 0.148ms Disk access = 9 + 4.16 + 0.148 = 13.308ms.

**Solid State Drive(SSD) :**

In SSD, Secure deletion cannot be warranted because deletion would result in a TRIM command which will overwrite the data to be deleted but the data would still be present in the SSD, though it will show the data is deleted, it will still be present somewhere else and thus it is very unreliable.