**Assignment-0**

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| **S NO.** | **EXAMPLES** | **DISTRIBUTED SYSTEMS** | **TECHNOLOGIES OR COMPONENTS** |
| 1 | AMAZON | DATA CENTERS | SECURITY,  CLOUD STORAGE,  CONSISTENCY AND REPLICATION,  FAULT TOLERANCE |
| 2 | GOOGLE | CLUSTERS | FAULT TOLERANCE,  PARALLEL PROGRAMMING,  DISTRIBUTED |
| 3 | FACEBOOK | DATA CENTERS | COMMUNICATION,  CLOUD STORAGE,  SYNCHRONIZATION |
| 4 | HADOOP | CLUSTERS | FAULT TOLERANCE,  MAPREDUCE,  PARALLEL PROGRAMING,  DISTRIBUTED FILE SYSTEMS |
| 5 | BIGTABLE | CLUSTERS | PARALLEL PROGRAMMING,  DISTRIBUTED,  PERFORMANCE |
| 6 | NIMBUS | CLOUDS | WEB SERVICES,  CLOUD PLATFORM,  INFRASTRUCTURE AS A SERVICE(ISAS) |
| 7 | MPI | CLUSTERS-- | COMMUNICATION,  PERFORMANCE,  PARALLEL PROGRAMMING |
| 8 | TWISTER | GRIDS/CLUSTERS | MAPREDUCE,  MIDDLEWARE,  FAULT TOLERANCE |
| 9 | PEGASUS | CLUSTERS/GRIDS | CHECK POINTING,  WORKFLOW,  MIDDLEWARE |
| 10 | XEN | CLOUDS | HYPERVISORS,  INFRASTRUCTURE AS A SERVICE(ISAS),  WEB SERVICES |