Assignment - 0

Distributed Systems	- Technologies (or) components	- Examples.
1) Data Intensive Science	- a) Map Reduce b) DFS c) Iaas d) Parallel programming e) Overlay networks	Hadoop, Facebook, Google - Pegasus.
2) Data centers	- a) Performance b) Energy efficiency c) Synchronization d) Consistency & Replication.	chubby, Google, - amazon.
3) Simulation on Supercomputers	a) multicore - b) Hashmodels c) Communication d) Programming models e) OGSA f) WorkFlow	Jaguar, - Nebulae, Roadrunner, Kraken, Jugene
4) Peer to peer Systems	a) DFS - b) Peer to peer trust reputations c) Security processes d) Overlay networks	Tradepal, - I2P, peerspace JXTA, Dalesa

Distributed systems	-	Technologies (or) components	-	Examples
5) Clusters.	-	a) parallel programming b) Scheduling c) webservices d) workflow e) Checkpointing, Hypervisors	-	Amazon, Google, Chubby
6) Grids	-	a) middlewave b) Scheduling c) webservices d) workflow e) message oriented f) OGSA g) DFS security process h) SAAS.	-	UNICORE, IBM CONDOR, XEN Zookeeper
7) Cloud	-	a) portals b) para virtualization c) cloud storage d) PAAS e) Discovery / metadata f) Security h) Distributed Cloud platform.	-	Amazon, Eucalyptus UDDI.
8) IOT	-	a) communication b) Synchronization c) Energy efficiency d) Security e) cloud platform g) workflow h) Fault tolerance	-	optimizers, Smart city infrastructure monitors.