Assignment\_1

1. What is cloud?
   * Cloud refers to servers that are accessed over the Internet and the software and databases that run on those servers. Cloud servers are located in data centers all over the world. By using cloud computing, users and companies don’t have to manage physical servers themselves or run software applications on their own machines.
2. What are different types of cloud?
   * Private cloud: Specific to organization or company.
   * Public cloud: Available to everyone consists of
     + Amazon cloud – AWS
     + Google – GCP
     + Microsoft – Azure
   * Hybrid cloud: combination of public and private cloud
3. What are advantages of cloud?
   * Reduced IT costs Moving to cloud computing may reduce the cost of managing and maintaining your IT systems
   * Scalability
   * Business continuity
   * Collaboration efficiency
   * Flexibility of work practices
   * Access to automatic updates
4. Drawbacks of cloud?
   * No longer in control. When moving services to the cloud, you are handing over your data and information.
   * May not get all the features. Not all cloud services are the same.
   * Doesn’t mean you should do away with servers.
   * No Redundancy.
   * Bandwidth issues
5. What is EC-2
   * Amazon Elastic Compute Cloud (EC2) is a web service that provides secure, resizable compute capacity in the cloud. It is designed to make web-scale cloud computing easier for developers. Amazon EC-2’s simple web service interface allows you to obtain and configure capacity with minimal friction.