By submitting this homework, I attest that the homework is my own work and I have not copied any text verbatim from any online or offline source, or from other students (past or present). I also attest that I have not used any paraphrasing tool or any homework solution websites. In addition, I attest that any information taken from course slides and handouts or any websites is properly attributed and referenced. I understand that any violation of the UAB Academic Integrity Code for any portion of the homework will result in a zero score for the entire homework and will be reported to the academic integrity coordinator per university policy.

1. Cloud security is different from traditional computer security. Co-tenancy is considered to be a key reason because it allows more than one user to share the same physical infrastructure. If one or the other has access to the data of the other, which we call data leakage, then it can lead to security issues.
2. The cloud service provider would not be considered a malicious attacker. One, they are a largely known company, meaning they are unlikely to engage in malicious activity. Two, they have business and personal interest in protecting the data of their users.
   The cloud service provider would be considered a malicious attacker. One, they have all of the users data and information stored in their servers. Two, they are plenty of well paying customers who would love to had that information in their possession.
3. Advantages: Price, easy to use, flexible, reliable, secure. Disadvantage: Possible security hazard since data is stored off-site. Reliability concerns due to unexpecting factors like power outage or system updates. Privacy concerns since your data is stored on someone else's services or devices so they can access to your data even if you deny it.