This assignment calls for the student to provide a substantive response (4 – 6 pages) to one of the topics listed below, or choose one that is relevant to the course material (and get the topic pre-approved by the facilitator). This paper should follow a logical progression (e.g. introduction, analysis & discussion, and summary & conclusion(s)), be developed with strong referential integrity to academic sources, and strictly follow APA guidelines. It should be double-spaced, and no longer than 6 pages (not including any cover pages and/or bibliography).

Possible topics:

- Analyze and compare the standard relational database to an object-relational database. How does Oracle implement these features?
- Assess the function and operation of the physical and logical structures in an object-relational database. How does a logical representation become a physical structure in a database? How is this applied in an Oracle database?
- Discuss, compare and differentiate the different types of indexes that can exist in an object-relational database. Distinguish the benefits of each type, and assess the best possible use for each.
- Evaluate and compare some of the possible storage devices/technologies that can be utilized for database storage. Distinguish the benefits of each type, and assess the best possible use for each.
- Discuss and compare the various security features that can be implemented within a database, and how they might be best implemented in an organization.