

Database Administration Tutorial - Week 6

1. Use Diagrams to explain the difference between Report, Pre-Joined and Normalized tables?
2. Explain what is meant by “interleaving data”.
3. Use diagrams to explain the concept Database Log Placement?
4. Explain the purpose of the “Database Optimizer”. Describe the steps it takes to execute a query.
5. Discuss what is meant by I/O cost. How does it impact the decision making process of the optimizer.
6. What is meant by the term database statistics? What are the considerations when collecting the statistic and how does this impact the optimizer?
7. What is meant by Query – re-write?
8. Explain the ten rules of thumb.
9. How can explain plans and query hints be used to improve performance.