**Week 19**

**Name:**

**Mobile:**

| **Personal Development Workouts** |
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| 1. Watch at least 7 Ted talks (Minimum one Ted talk per day) and do its audio note. |
| *Write a short description about this task*  *Link to the folder containing your audio summary* |

| **Technical Workouts** |
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| 1. Learn the concepts in Structured Query Language & Relational Database.  * Learn the types of queries   1. SELECT, SELECT LIMIT, SELECT TOP, INSERT, UPDATE, DELETE, TRUNCATE TABLE, UNION, UNION ALL, INTERSECT, MINUS, EXCEPT * Learn the concept of Comparison Operators & Logical Operators * JOIN * Aliases * Learn the concepts of Clauses   1. DISTINCT, FROM, WHERE, ORDER BY, GROUP BY, HAVING * Learn the concept of Functions   1. COUNT, SUM, MIN, MAX, AVG * Learn the following conditional operators   1. AND, OR, AND&OR, LIKE, IN, NOT, IS NULL, IS NOT NULL, BETWEEN, EXISTS * Learn the following concepts in Tables & Views   1. CREATE TABLE, CREATE TABLE AS, ALTER TABLE, DROP TABLE, GLOBAL TEMP, LOCAL TEMP, SQL VIEW. * Learn the concepts in Keys, constraints & indexes   1. Primary keys, Indexes * Learn the concepts of data types. * Learn the concepts Stored procedure,   2. Complete all the assignments given in the below document.  [SQL: Assignments](https://docs.google.com/document/d/16cr3otUlZpOydnsCCMp6D5nyJq1ZaIoQJC8AtqYB6yg/edit)  3. Learn the following concepts.   * While loop * If else * CTE * Sub query * Partition By * Row number * Trigger * Pre defined function |
| *Write a short description about this task* |
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| *Write a short description about this task* |

| **Miscellaneous Workouts** |
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| 1. Practice typing for at least one hour each day. Finish as many chapters as possible as you can. Don’t spend more than an hour each day. 2. Prepare a topic for the tech seminar. Record and upload it on youtube as an unlisted video. 3. Conduct a Feedback session by the end of this week. 4. Prepare your progress video for the last week. Record and upload it on youtube as an unlisted video. |
| *Write a short description about this task*  *Link to screenshot image* |
| *Write a short description about this task*  *Link to your seminar video* |
| *Link to the document containing notes for your feedback session* |
| *Write a short description about this task*  *Link to your progress video* |