**CSE370 : Database Systems**

**Assignment 01/02/03 | Spring 2025**

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| **No 1 Query**  **(as Plain Text)** | 1. CREATE DATABASE Google\_22301518; 2. USE Google\_22301518 |
| **No 1 SS**  **(of Query & Output**  **in Shell)** |  |
|  | |
| **No 2 Query**  **(as Plain Text)** | 1. CREATE TABLE Developers (member\_id INT PRIMARY KEY, name varchar(30), email varchar(320),influence\_count INT, Joining\_date date, multiplier INT); 2. INSERT INTO Developers (member\_id, name, email, influence\_count, Joining\_date, multiplier) VALUES(1, 'Taylor Otwell', 'otwell@laravel.com', 739360, '2020-06-10', 10),(2, 'Ryan Dahl', 'ryan@nodejs.org', 633632, '2020-04-22', 10),(3, 'Brendan Eich', 'eich@javascript.com', 939570, '2020-05-07', 8),(4, 'Evan You', 'you@vuejs.org', 982630, '2020-06-11', 7),(5, 'Rasmus Lerdorf', 'lerdorf@php.net', 937927, '2020-06-03', 8),(6, 'Guido van Rossum', 'guido@python.org', 968827, '2020-07-18', 19),(7, 'Adrian Holovaty', 'adrian@djangoproject.com', 570724, '2020-05-07', 5),(8, 'Simon Willison', 'simon@djangoproject.com', 864615, '2020-04-30', 4),(9, 'James Gosling', 'james@java.com', 719491, '2020-05-18', 5),(10, 'Rod Johnson', 'rod@spring.io', 601744, '2020-05-18', 7),(11, 'Satoshi Nakamoto', 'nakamoto@blockchain.com', 630488, '2020-05-10', 10); 3. DESCRIBE Developers; 4. SELECT \* FROM Developers; |
| **No 2 SS**  **(of Query & Output**  **in Shell)** |  |
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| **No 3 Query**  **(as Plain Text)** | 1. ALTER TABLE Developers CHANGE influence\_count followers INT; |
| **No 3 SS**  **(of Query & Output**  **in Shell)** |  |
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| **No 4 Query**  **(as Plain Text)** | 1. UPDATE Developers SET followers=followers+10; 2. SELECT\*FROM Developers; |
| **No 4 SS**  **(of Query & Output**  **in Shell)** |  |
|  | |
| **No 5 Query**  **(as Plain Text)** | 1. ALTER TABLE Developers ADD COLUMN Efficiency FLOAT; 2. SELECT \* FROM Developers; 3. UPDATE Developers SET Efficiency = ((followers\*100/1000000) \* (multiplier\*100/20))/100; 4. SELECT name,Efficiency FROM Developers; |
| **No 5 SS**  **(of Query & Output**  **in Shell)** |  |
|  | |
| **No 6 Query**  **(as Plain Text)** | 1. SELECT UPPER(name),Joining\_date FROM Developers ORDER BY Joining\_date DESC; |
| **No 6 SS**  **(of Query & Output**  **in Shell)** |  |
|  | |
| **No 7 Query**  **(as Plain Text)** | 1) SELECT member\_id, name, email, followers FROM Developers WHERE email LIKE '%.com' OR email LIKE '%.net'; |
| **No 7 SS**  **(of Query & Output**  **in Shell)** |  |
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