

1. <https://www.youtube.com/watch?v=qmGZnLNOQ1c> (Course Introduction)
2. <https://www.youtube.com/watch?v=72jKwRIgLgo> (week 1 Preview)
3. <https://www.youtube.com/watch?v=oiMbeax3aHA> (DBMS Overview)
4. <https://www.youtube.com/watch?v=5o6tpFYqrXY> (PostgreSQL Overview)
5. <https://www.youtube.com/watch?v=kQd2wzy79n4> (Installing PostgreSQL)
6. https://www.youtube.com/watch?v=UES08_vyFJc (Catalogs)
7. <https://www.youtube.com/watch?v=GSZqVxLQE40> (Storage)
8. <https://www.youtube.com/watch?v=iV-tGU0Oaig> (week 2 Preview)
9. <https://www.youtube.com/watch?v=miFk49Y-1ek> (File Management)
10. <https://www.youtube.com/watch?v=IRfS5DTo2q8&feature=youtu.be> (PG File Manager)
11. <https://www.youtube.com/watch?v=Q69z6PN03U0&feature=youtu.be> (Buffer Pool)
12. <https://www.youtube.com/watch?v=asTR5LHgwfU&feature=youtu.be> (PostgreSQL Buffer Manager)
13. https://www.youtube.com/watch?v=C-kQmy2z_gU (Internal structure of pages)
14. <https://www.youtube.com/watch?v=NZ9vUJh3-s> (PostgreSQL Page Internal)
15. https://www.youtube.com/watch?v=iLUaKeh_JQ (Online Session)(week 1 Feb 15)
16. <https://www.youtube.com/watch?v=kTSMwqvegZg> (Online Session)(week 1 Feb 17)
17. <https://www.youtube.com/watch?v=iV-tGU0Oaig&feature=youtu.be> (week 2 Preview)
18. <https://www.youtube.com/watch?v=miFk49Y-1ek> (File Management)
19. <https://www.youtube.com/watch?v=IRfS5DTo2q8> (PG File Manager)
20. <https://www.youtube.com/watch?v=Q69z6PN03U0> (Buffer Pool)
21. <https://www.youtube.com/watch?v=asTR5LHgwfU> (PostgreSQL Buffer Manager)
22. https://www.youtube.com/watch?v=C-kQmy2z_gU&feature=youtu.be (Internal structure of pages)
23. <https://www.youtube.com/watch?v=NZ9vUJh3-s&feature=youtu.be> (PostgreSQL Page Internals)
24. <https://www.youtube.com/watch?v=UQLgmg0R7x8> (Online Session)(Feb 22)
25. <https://www.youtube.com/watch?v=1zZ7QWpuiLY> (Online Session) (Feb 24)
26. <https://www.youtube.com/watch?v=QoZOYszOLzI&feature=youtu.be> (Week 3 Preview)
27. <https://www.youtube.com/watch?v=h8MXSBGvOD4> (Tuple Representation)
28. <https://www.youtube.com/watch?v=PELFaZKZgzk> (PostgreSQL Tuples)
29. <https://www.youtube.com/watch?v=td8rttxCHNQ&feature=youtu.be> (Relational Operations)
30. <https://www.youtube.com/watch?v=3rPWDQhqDBE> (Scanning Relation Files)
31. <https://www.youtube.com/watch?v=ow0YVFARyQA&feature=youtu.be> (Sorting)
32. <https://www.youtube.com/watch?v=NoYXCf-QfNg> (Online Session) (Mar 01)
33. <https://www.youtube.com/watch?v=UYqsof3v1DQ> (Online Session) (Mar 03)
34. <https://www.youtube.com/watch?v=Mh5e7CDJNHY> (Week 4 Preview)
35. <https://www.youtube.com/watch?v=2SV8j4NHocE&feature=youtu.be> (Implementing Projection)
36. <https://www.youtube.com/watch?v=cEVBjURRR9M&feature=youtu.be> (Selection overview)
37. https://www.youtube.com/watch?v=lZGx_eN54XE&feature=youtu.be (Heap Files)
38. <https://www.youtube.com/watch?v=dQhb3tOJln8&feature=youtu.be> (Sorted Files)

39. <https://www.youtube.com/watch?v=6fzioV7BXkU&feature=youtu.be> (Hashed Files)
40. <https://www.youtube.com/watch?v=3jay7AYyPAY&feature=youtu.be> (Linear Hashing)
41. <https://www.youtube.com/watch?v=b654-1978po&feature=youtu.be> (Hashing in PostgreSQL)
42. <https://www.youtube.com/watch?v=S0iM5NegQ7Y&feature=youtu.be> (week 5 preview)
43. <https://www.youtube.com/watch?v=D3BMqKY57Po> (Indexing and indexes)
44. <https://www.youtube.com/watch?v=YUrP5m6Np3c&feature=youtu.be> (B-trees)
45. <https://www.youtube.com/watch?v=8Q4mTBVJAX4&feature=youtu.be> (Multi-dimensional Search Trees)
46. <https://www.youtube.com/watch?v=YswK8zyignE> (Multi-dimensional Hashing)
47. <https://www.youtube.com/watch?v=uYH-znRBh68&feature=youtu.be> (Signature-File Indexing)
48. <https://www.youtube.com/watch?v=bPbt-8gd5m8> (Online Session) (Mar 15)
49. <https://www.youtube.com/watch?v=yKQ8WtArQpM&feature=youtu.be> (Online Session) (Mar 17)
50. <https://www.youtube.com/watch?v=rYGMeFXorcg> (Week 7 Preview)
51. <https://www.youtube.com/watch?v=Fw550x1l4yA&feature=youtu.be> (Superimposed Codeword Indexing)
52. <https://www.youtube.com/watch?v=ID4ocwYlu9o&feature=youtu.be> (Concatenated codeword indexing)
53. <https://www.youtube.com/watch?v=PWuyM-Vatbw> (Implementing Join)
54. <https://www.youtube.com/watch?v=1f7Rrcz2LqI&feature=youtu.be> (Nested loop Join)
55. <https://www.youtube.com/watch?v=ZjV3ELmXtFE&feature=youtu.be> (Sort-Merge)
56. <https://www.youtube.com/watch?v=rOuQ567tWZ4&feature=youtu.be> (Hash Join)
57. <https://www.youtube.com/watch?v=7pEuKqXdxay> (Online Session Mar 29)
58. https://www.youtube.com/watch?v=rb6hMZB_lzg&feature=youtu.be ((Online Session Mar 21)
59. <https://www.youtube.com/watch?v=rtMLxNmXQYs&feature=youtu.be> (Week 8 Preview)
60. <https://www.youtube.com/watch?v=ZznJNG3l6v4> (Query Processing)
61. <https://www.youtube.com/watch?v=wZGd5SkrQHq> (Query Translation)
62. <https://www.youtube.com/watch?v=tID2dpiA7TE> (Query Optimisation)
63. <https://www.youtube.com/watch?v=LqGVrq3HFqo&feature=youtu.be> (Cost Estimation)
64. <https://www.youtube.com/watch?v=U9nMklxqlyk> (Query Execution)
65. https://www.youtube.com/watch?v=gk90T_8yhGo&feature=youtu.be (Query Performance Tuning)
66. https://www.youtube.com/watch?v=brrUmdfbZ_U (week 9 Preview)
67. <https://www.youtube.com/watch?v=weaueOr0D-8> (Transaction Processing)
68. <https://www.youtube.com/watch?v=GZBtC4-b2RQ> (Properties of TX Schedules)
69. <https://www.youtube.com/watch?v=oc8QMSVQ-1Q> (Transaction Isolation)
70. https://www.youtube.com/watch?v=7_nCmv8yKPA&feature=youtu.be (Lock-based Concurrency Control)

71. <https://www.youtube.com/watch?v=M3HS07R2TFI> (Multi-version Concurrency Control)
72. <https://www.youtube.com/watch?v=h9aMt7GANQg> (Optimistic Concurrency Control)
73. <https://www.youtube.com/watch?v=WFVd8ph1X2E> (Online Session April 13)
74. <https://www.youtube.com/watch?v=Tod3ObYVsAY&feature=youtu.be> (Online Session April 14)
75. <https://www.youtube.com/watch?v=RLoiGCrX8P8> (Durability)
76. <https://www.youtube.com/watch?v=wSogRMXsrtk> (Recovery)
77. <https://www.youtube.com/watch?v=VN1BBVbqYI&feature=youtu.be> (Online Session April 19)
78. <https://www.youtube.com/watch?v=KibUrEGhIY8> (Online Session April 21)
- 79.