

Library Management

Publisher	Book Name	Writer Name	Terms	Genre	Issue Date	Return Date	Issued To	Issued By	Phone Number	Salary
Secker & Warburg	Animal Firm	George Orwell	Net due 7 days	Fiction	20/1/2024	20/2/2024	Alex Wilson	Allen Smith	01903336365	15000
Penguin	Jupiter Travels	Ted Simon	Net due 7 days	Travel	20/2/2024	20/3/2024	Alex Wilson	Tony Gilbert	01903336365	15000
Dover Publications	Hamlet	William Shakespeare	Net due 15 days	Drama	1/11/2024	2/12/2024	Dennis Carol	Allen Smith	01705633365	22000
Dover Publications	Pride & Prejudic	Jane Austen	Net due 15 days	Fiction	15/10/2024	15/11/2024	Emily Brown	Tony Gilbert	01515614161	20000
Penguin	Arabian Sands	Wilfred Thesiger	Net due 10 days	Travel	13/10/2021	13/10/2024	Emily Brown	Tony Gilbert	01515614161	20000
Grove Press	Waiting for Godot	Samuel Beckett	Net due 17 days	Drama	11/11/2024	11/12/2024	Terry Kim	Allen Smith	01305408798	25000
Dover Publications	Hamlet	William Shakespeare	Net due 15 days	Drama	12/09/2024	12/10/2024	Emily Brown	Tony Gilbert	01515614161	20000

DDL STATEMENT

Trainee ID:1285868

Name:Sonia Khatun

Batch:CS/SCSL-A/63/01

1.Create Database Library DB

2.Createing Table

3. Create Procedure

4.Calling Procedure

5.Create a view (With Schemabinding , Encryption)

6.Create Function (Scalar, Table And Multistatement)

7. Cursor

8. Index

9. NONCLUSTERED

10.DORP INDEX

11.Alter Table Add

12.Alter Drop Collum

13. Create a Trigger (After Insert, After Deleted, Instead, Instead Deleted, Bulk Trigger, Trigger Alter)

DML STATEMENT

1. Insert Into Table (Publisher, Writer, Genre, Book, Library Member, Employee, Terms, Book Transaction,)
2. The basic syntax of the Select statement.
3. How to code column specifications
4. How to code string expressions.
5. How to code arithmetic expressions.
6. How to use functions.
7. How to use the TOP clause
8. How to code the WHERE clause
9. How to use the IN operator
10. How to use the LIKE operator
11. How to retrieve a range of selected rows
12. How to code aggregate functions
13. COUNT() Function
14. SUM() Function
15. AVG() Function
16. MIN() Function
17. MAX() Function
18. How to code the GROUP BY and HAVING clauses
19. How to summarize data using SQL Server extensions
20. OVER CLAUSE
21. How to use subqueries
22. How subqueries compare to joins
23. ANY
24. ALL
25. SOME
26. Exists
27. How to code a CTE
28. How to use the SELECT INSERT statement
29. How to use the SELECT INTO statement
30. DELETE statement
31. A MERGE statement that inserts and updates rows
32. How to convert data using the CAST function
33. CONVERT function
34. TRY CONVERT function
35. String function examples
36. LEN

37. LEFT
38. LOWER
39. UPPER
40. PATINDEX
41. CHARINDEX
42. CONCAT
43. Examples that use the numeric functions
44. ROUND
45. ISNUMERIC
46. ABS
47. CEILING
48. FLOOR
49. SQUARE
50. SQRT
51. Examples that use date/time functions
52. GETDATE
53. SYSDATETIMEOFFSET
54. MONTH
55. DATEPART
56. DATENAME
57. EOMONTH
58. ISDATE
59. Examples that use the DATEPART function
60. Examples that use the DATENAME function
61. Examples that use the DATEADD function
62. Examples that use the DATEDIFF function
63. uses a simple CASE function
64. How to use the IIF and CHOOSE functions
65. How to use the COALESCE and ISNULL functions
67. Grouping
68. How to use the ranking functions
69. ROW_NUMBER
70. RANK
71. DENSE_RANK
72. NTILE
73. FIRST_VALUE
74. LAST_VALUE
75. LEAD
76. LAG
77. CUME_DIST()

78. PERCENT_RANK
79. PERCENTILE_DISC
80. PERCENTILE_CONT