

M. K. S. S. S. CUMMINS COLLEGE OF ENGINEERING FOR WOMEN, PUNE.

STUDENT'S ROLL NO. :

3330



processing the second s	
B	ssignment 2
15	plain the following clauses -
)	SELECT
2	WHERE
3	LOGICAL OPERATORS
	STRING COMPARISON & PATTERN MATCHING
	BETWEEN NOT BETWEEN
6	ORDER BY
	GROUP BY
	UMIT
	DIS TINCT.
) -	SELECT Statement - The SELECT Statement is used to select data from a database. The data returned is stored in a result table called as the result set.
ی	ELECT Column1, Column2,
F	FROM table name;
h	ere Column and Column2 are the field names of the cable you want to select the data from.
	f you want to select all the fields available,
3	f you want to select all the fields available, FIECT * from tablename;
	MILERE Clause is used to liter
2) -	WHERE - The whole daws is used to flore
82	WHERE - The WHERE clause is used to filter words. It is used to entract only those records that Suffil a specified condition. SELECT column, column
	ruful a specified conjuirion.
3	ROM tablename. WHERE condition;
1 -	KUM tablename. WHERE condumen;

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The WHERE dause is not used only in the SELECT statements but also UPDATE, DEVETE, etc.
LOGICAL OPERATORS - Logical operation return true or false. They return true or false values and can be used in a compared mapper. There are 3 logical operators - 1) And - Logical And compares 2 boolean expressions and returns true when both expressions are true. 2) OR - Logical OR compares 2 boolean expressions and
3) Not - NOT takes an expression as an argument and changes its value from false to true and from true to false.
Any and All are also logical operator. They allow you to perform a comparison bet a single column value and a range of other values.
The ANY operator returns a TRUE value if any of the subquery values meet the condition. The ALL operator returns brue it all of the subquery
The ALL operator returns true if all of the subquery values meet the condition. The All operator is used with SELECT, WHERE & HAVING statements.

String Comparison & Pattern Matching
STR(MP() function is used to compose 2 strings. If both strings are the same, it returns 0 If the 1st argument is smaller than the 2nd then it returns I and if the 1st argument is greater than the second then +1 is returned. STRCMP (string), string2)
The LIKE experator is used in a where clause to search for a specified pattern in a column. There are 2 withcards used in conjunction with the LIKE
The percent sign (1.) represents 0, 1 or multiple characters.
SELECT column, column2, FROM table_name
WHERE columN LIKE pattern;
BETWEEN, NOT BETWEEN - The BETWEEN operator selects values within a given range the values can be numbers, text or dates. The BETWEEN operator is inclusive; begin and end values are included.
SELECT column_name(s) FROM table_name WHERE columnname BETWEEN value AND value2;

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NOT BETWEEN - It is used to match all values against
g sange of values excluding the values in the
mentioned range toelf.
ORDER BY - The ORDER BY keyword is used to sort the
result set in ascending or descending order. The
ORDER BY keyword sorts the results in ascending
order by default. To sort the records in descending
order, the DESC keyword.
SELECT column1, column2.
FROM table-name
ORDER BY column 1, column 2 ASC/PESC;
have
GROUP BY - The GROUP BY statement groups rows that the
same values into summary nows like "find the no-
of customers in each country' The GROUP BY days is
often used with aggregate functions (COUNT(), MAX()
often used with aggregate functions (count(), MAX(), MIN(), SUM(), AVG()) to group the result set by
one/more columns, eg-
SELECT column-names FROM table_name
WHERE condition
GROUP BY column-names
ORDER 134 column_names;
one of production,
LIMIT TO LIMIT Janes 1 to 1 to 1 access 1:-1
on the no. of tuples returned by SBL.
on the m. of tuples returned by SSE.
eg –
SELECT column-names FROM table-name WHERE condition
GROUP BY column-name ORDER BY column-name LIMITS;

DISTINCT clouse - It is used to list all the distinct Values taken by an attribute. It is used in conjunction with eg- SELECT Reyword SELECT Distinct (Book_Name) FROM Books;
SELECT Distinct (Book_Name) FROM Books;