

BUILT IN FUNCTION EXERSIZE

- Use proper function to perform following :
- Find out absolute value .
 - -92.78
 - 125.55
 - 205.75
 - -92.55
- Find out sign of given numbers
 - -5.18
 - -72.7889
 - 62.5
 - 59
 - -720
- Find out cos, sin and tan angles values of given numbers:
 - 60
 - 135
 - 180
 - 360
- Find out nearest lowest numbers.
 - 215.85
 - -205.75
 - 1250.85
 - 0.0075
 - 18.95
- Find out nearest highest integers:
 - 177.54
 - 144.55
 - -105.54
 - -14.265
 - 72.65
- Find out integer value
 - -8.575
 - 45.90
 - -125.32
 - 69.7858
 - 50.5050
- Find out remainder
 - 315,3
 - 215,9
 - 3241,4
 - 231465,5
 - 256,6
- Find out powered number
 - 10,4
 - 99,5

- 6,4
- 3, 7
- 3, 4
- Find out round off values:
 - 545.6546, 1
 - 897982.8962, 3
 - 2156.656,0
 - 654.54,-1
 - 65654.56,-1
- Find maximum value
 - 15,55,855,8,54,545,23135,1658789,55
 - 132156,6546546,564648,5456486,85465,455465
- Find out minimum value
 - 65,6,798,897,84,456,897,1,864
 - 654,89,-8751,5687,897,484865
- Find out log by given base
 - 2, 8
 - 10,100
 - 100, 10
- Find out exponent of following
 - 1
 - 5
 - 7
 - 1.5
 - 6.7
- Create table sales and find out values

Id	Sales1	Sales2	Zone
1	50000	70000	East
2	72000	45000	West
3	55000	74000	East
4	30000	45000	West
5	55000	74000	South
6	74000	45000	South

- Find total sales1
- Find average of sales1 and sales2
- Find max sales from sales1 and sale2
- Find minimum sales from sales1 and sale2
- Count total id
- Find out highest sales1 according to zone
- Find out lowest sales from sales2 according to zone
- Find total sales from sale2 according to job but display total which is >10000
- Convert into capital
 - Oracle
 - Rdbms
 - Normalization
- Conver into lowercase and proper case

- Oracle is rdbms
- Relational database management system
- Data about data
- Find out length of above all string
- Oracle is DBMS → replace DBMS with RDBMS
- sql-server is rdbms → replace sql-server with MYSQL
- apply trim, ltrim and rtrim
 - ‘ Marwadi University ’
- Find ascii of following
 - A
 - Z
 - +
 - *
 - /
- Find out character of given ascii
 - 127
 - 98
 - 45
 - 65
 - 120
- Find out substring from following string
 - ‘data about data is metadata’ → meta data
 - ‘normalization used to reduce data redundancy’ → reduce
- Convert above string into title case
- Find out left and right padded string

String	Length	Symbol
SQL SERVER	15	+
RDBMS	10	*
ORACLE IS DBMS	25	-

- Use replace function

String	Search	Replace with
SQL SERVER	SERVER	Client
RDBMS using Oracle	Using	With
ORACLE IS DBMS	DBMS	RDBMS
Database maintain system	Maintain	Management

- Find out the position of given character

String	character
Extended Entity Relational Diagram	E
Relational Database management system	n

- Use translate function for

String	character	
Extended Entity Relational Diagram	EDR	* _ +
Relational Database management system	N,m,s,b	1*2*
Data about data	d,a,o	157

- Find system date
- System timestamp
- Local time stamp
- What is the date of next Wednesday?
- What is the date of next Saturday?
- What will be the next date when you add 3 months in current date?
- What will be the next date when you add 6 months in '01-mar-2023'?
- What will be the next date when you add 3 months in '15-jan-2025'?
- What will be the last day of following dates:
 - 15-mar-2020
 - 17-feb-2020
 - 5-nov-2025
 - 17-jan-2024
- Find months between two dates:

Date 1	Date 2
10-12-2025	5-6-2025
22-11-2023	30-12-2024
01-01-2020	05-04-2019