

## 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, sign 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
    - ‘’
  - 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’
  - Convert above string into title case
  - Find out left and right padded string

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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