

String func

concat, concat_ws, substring, substr

replace

replace("Hello world", "Hell", "X") ;

input

replace
this
part

replaced
part

→ Xo world

Features :-

a) case sensitive

b) replace all occurrences

reverse

reverse('akash') → hsraka

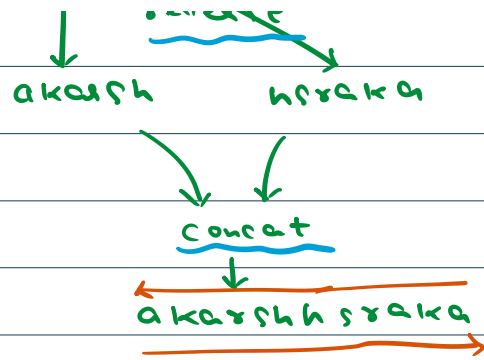
Palindrome

madam, naman, radar

Input → akash → Generate a palindromic string.

↓
akash

reverse
↓
hsraka



Char-length

length of the string.

`char-length('akash');` → 6

no. of characters in the string.

upper/lower

`upper('Hello World')` → HELLO WORLD

`lower('HELLO')` → hello

What Does This Print Out?

```
SELECT
  REPLACE
  (
    CONCAT('I', ' ', 'like', ' ', 'cats'),
    ' ',
  );
```

select

replace

(
I like cats,
' ',
'-'
)

I-like-cats

forwards	backwards
Lahiri	irihaL
Gaiman	namiaG
Gaiman	namiaG
Lahiri	irihaL
Eggers	sreggE
Eggers	sreggE
Chabon	nobahC
Smith	htimS
Eggers	sreggE
Gaiman	namiaG
Carver	revraC
Carver	revraC
DeLillo	olliLeD
Steinbeck	kcebniets
Foster Wallace	ecallaW retsoF
Foster Wallace	ecallaW retsoF
Smith	htimS

select

author-fname as forwards,
reverse(author-fname) as
backwards
from books;

Selection refining

distinct

remove duplicates while reading the table.

order by

Sorting → amazon, zomato

numerically, alphabetically

Sorting {
 → asc (ascending) (by default)
 → desc (descending)

select author-fname from books
order by author-fname;

```
select author_fname from books
order by author_fname;
```

limit

top sold books.

```
select title from books limit 5;
```

book_id	title	author_fname	author_lname	released_year	stock_quantity	pages
1	The Namesake	Jhumpa	Lahiri	2003	32	291
2	Norse Mythology	Neil	Gaiman	2016	43	304
3	American Gods	Neil	Gaiman	2001	12	465
4	Interpreter of Maladies	Jhumpa	Lahiri	1996	97	198
5	A Hologram for the King: A Novel	Dave	Eggers	2012	154	352
6	The Circle	Dave	Eggers	2013	26	504
7	The Amazing Adventures of Kavalier & Clay	Michael	Chabon	2000	68	634
8	Just Kids	Patti	Smith	2010	55	304
9	A Heartbreaking Work of Staggering Genius	Dave	Eggers	2001	104	437
10	Coraline	Neil	Gaiman	2003	100	208
11	What We Talk About When We Talk About Love: Stories	Raymond	Carver	1981	23	176
12	Where I'm Calling From: Selected Stories	Raymond	Carver	1989	12	526
13	White Noise	Don	DeLillo	1985	49	320
14	Cannery Row	John	Steinbeck	1945	95	181
15	Oblivion: Stories	David	Foster Wallace	2004	172	329
16	Consider the Lobster	David	Foster Wallace	2005	92	343
17	10% Happier	Dan	Harris	2014	29	256
18	fake_book	Freida	Harris	2001	287	428
19	Lincoln In The Bardo	George	Saunders	2017	1000	367

limit x, y

starting index
(0 based)

no. of rows to
be fetched