

# F\_ITERATECROSSSUM

## function from adhoc

Entrypoint iteratecrosssum compatible with UTF-8

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## Inputs/Outputs

Input	INTEGER	natural number
Output	INTEGER	iterate (or single-digit) cross sum from input

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## Syntax

Iterate cross sum is to build the cross sum of a number as long as the result is a single digit.

i.e. 12345:  $5+4+3+2+1 = 15 \rightarrow 5+1 = 6$

Test-SQL

```
SELECT 6 AS ISCORRECT, F_ITERATECROSSSUM(12345) FROM RDB$DATABASE;
```

```
SELECT NULL AS ISCORRECT, F_ITERATECROSSSUM(NULL) FROM RDB$DATABASE;
```

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