

# SQL Journey

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--Table with soem sample data
CREATE TABLE tbl_err_8134(Number1 INT, Number2 INT)
INSERT INTO tbl_err_8134 VALUES (2,1), (4,2), (6,0), (0,4)

--See what happens when try to divide Number1 by Number2
--Note: In some records Number2 is 0.
SELECT Number1 / Number2 AS [Result]
FROM tbl_err_8134

--Solutions
--Method: 1
SELECT ISNULL(Number1 / NULLIF(Number2, 0), 0) AS [Result]
FROM tbl_err_8134

--Method: 2
SELECT CASE WHEN Number2 = 0 THEN 0 ELSE Number1 / Number2 END AS [Result]
FROM tbl_err_8134

--Method: 2
SET ARITHABORT OFF
SET ANSI_WARNINGS OFF
SELECT ISNULL(Number1 / Number2, 0) AS [Result]
from tbl_err_8134
```