sq()

[Math]

Description

Calculates the square of a number: the number multiplied by itself.

Syntax

sq(x)

Parameters

x: the number. Allowed data types: any data type.

Returns

The square of the number. Data type: double.

Notes and Warnings

Because of the way the sq() function is implemented, avoid using other functions inside the brackets, it may lead to incorrect results.

This code will yield incorrect results:

int inputSquared = sq(Serial.parseInt()); // avoid this

Use this instead:

int input = Serial.parseInt(); // keep other operations outside the sq function

int inputSquared = sq(input);