

# fp.sqrt

...

Copy fnsqrt(self:T)->T;

...

Returns the square root of the fixed point number.

Args

self (T) - The input fixed point

Panics

- Panics if the input is negative.
- 

Returns

A fixed point number representing the square root of the input value.

Examples

...

Copy use Orion::numbers::{FP16x16,FP16x16Impl,FixedTrait};

fnsqrt\_fp\_example()->FP16x16{ // We instantiate FixedTrait points here. let a=FixedTrait::new\_unscaled(9,false);

// We can call round function as follows. a.sqrt() }

{mag:196608, sign:false} // = 3

...

[Previous fp.round](#) [Next fp.sin](#)

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