complex.real

```

Copy fnreal(self:T)->F;

```

Returns the real part of a complex number. The complex number is represented in Cartesian formz = a + bi wherea is the real part.

Args

- self
- (T
-) - The complex number from which we want the real part.
-

Returns

A fixed point number , representing the real part ofself .

Examples

```

Copy useorion::numbers::complex_number::{complex_trait::ComplexTrait, complex64::complex64}; useorion::numbers::
{FP64x64,FP64x64Impl,FixedTrait};

fnreal_complex64_example()->FP64x64{
letz:complex64=ComplexTrait::new(FixedTrait::new(18446744073709516160,false),
FixedTrait::new(1844674407370955161 6,false)); z.real() }

                    {mag:18446744073709516160, sign:false}// 10

```

Previous complex.pow Next complex.reciprocal

Last updated1 month ago