 Modulus=z

Z^2 = x^2+x^2

argument,tan θ =y/x

In [mathematics](https://en.wikipedia.org/wiki/Mathematics), argument is a [function](https://en.wikipedia.org/wiki/Function_(mathematics)) operating on [complex numbers](https://en.wikipedia.org/wiki/Complex_number) (visualized in a [complex plane](https://en.wikipedia.org/wiki/Complex_plane)). It gives the [angle](https://en.wikipedia.org/wiki/Angle) between the positive [real](https://en.wikipedia.org/wiki/Real_number) [axis](https://en.wikipedia.org/wiki/Cartesian_coordinate_system) to the line joining the point to the origin,

= (1+i)/ (1-i)

=(1+i)\*(1+i)/1-i)\*(1+i)

=(1+i+i+i^2)/(1^2-i^2)

=(1+2i-1)/(1+1)

=0+2i)/2

=0+2i/2

=0+i

Modulus=√(real part)^2+√(imagen part)^2

Modulus=√(0)^2+√(1)^2

=1

Argument,=Tan^-1(y/x)

Argument=tan^-1(1/0)

=Math Error

-2-i

Modulus=√(real part)^2+√(imagen part)^2

Modulus=√(2)^2+√(1)^2

=2.23

Argument,=Tan^-1(y/x)

Argument=tan^-1(1/2)

=26.56

Argument=26.56-180

=-153.43