

## COS 488: AC week 3 Q3

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5/5

Here is the code I used. I modified "Example.java"

```
public class Example implements ComplexFunction
{
    public Complex eval(Complex z)
    { //  $\{(1 \over 1-z) * (1 \over \ln(1-(1 \over (1-z))))\}$ 
      Complex one = new Complex(1, 0);
      Complex d = ((one.minus(z).reciprocal()).log());
      return (one.minus(d)).reciprocal();
    }

    public static void main(String[] args)
    {
        Plot2Dez.show(new Example(), 512);
    }
}
```

Here is the image of the plot:

