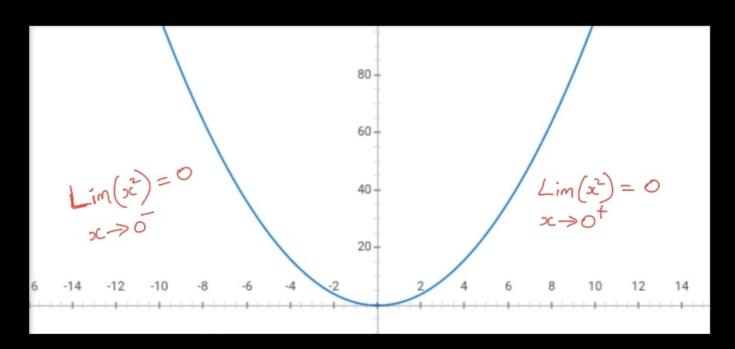


One Side limit is the value which y is approaching as a tends to some value from the positive side or negative side.

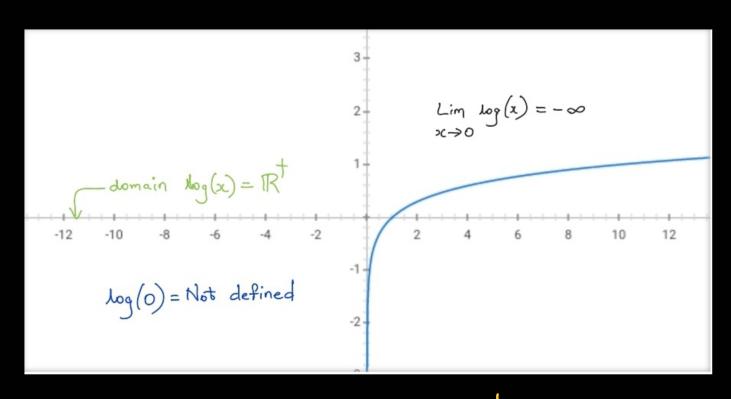
Similary we have one more concept called two sided limit which is illustrated below.

for 
$$f(x) = \infty$$



flere

As limit tonds to Zero f(x) is moving towards same point from both the  $\xi_e$ -ve directions (Two sided limit)

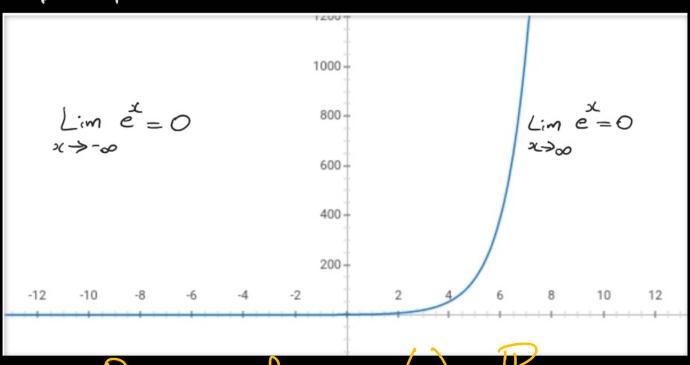


Domain means the values of or for which f(x) is defined.

Range of  $log(x) = \mathbb{R}$ 

 $\rightarrow$  Range is the all possible values of f(x) + x

## Graph for exp(x):



Domain of exp(2) = 1K

Range of  $exp(x) = \mathbb{R}^{+}$ 

Grouph for Abs (x):

