```
30 def sigm(x,s,w=2): return 1/(1+(abs(x-w))/(abs(s)))

   domain= np.linspace(-8,10)

   plt.plot(domain, sigm(domain,0.25), label='s=0.25')
   plt.plot(domain, sigm(domain,1), label='s=1.00')
   plt.plot(domain, sigm(domain,4), label='s=4.00')
   plt.legend(loc="best")

   plt.show()
```