In [19]:
```
import numpy as np
import matplotlib.pylab as plt
%matplotlib notebook
```

In [20]:
```
x = np.arange(-1.,2.,1./1000)
z = np.arange(-0.5,1.,1./500)

l1 = 0.
h1 = -25./50.
r1 = 20./50.

l2 = 40./50.
h2 = -25./50.
r2 = 14./50

X,Z = np.meshgrid(x,z)

c1 = np.where(np.abs(X-l1+1j*(Z-h1))<=r1)

c2 = np.where(np.abs(X-l2+1j*(Z-h2))<=r2)

A = 0.*X
A[c1] = 1.
A[c2] = 2.
fig, Test = plt.subplots()
Test.pcolormesh(x,z,A)
Test.set_aspect(1.)
```