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In [1]: # Import library
         import numpy as np
 In [3]:
         # Define unit step function
         def unitstep(v):
             if v>=0:
                 return 1
             else:
                 return 0
 In [5]: # Design perceptron model
         def perceptronModel(x,w,b):
             v=np.dot(w,x)+b
             print()
             y=unitstep(v)
             return y
 In [7]: # Create OR Logic function and assign w1=1,w2=1,b=-0.5
         def OR_logicFunction(x):
             w=np.array([1,1])
             b = -0.5
             return perceptronModel(x,w,b)
 In [9]: # Testing the perceptron model
         test1 =np.array([0,0])
         test2 =np.array([0,1])
         test3 =np.array([1,0])
         test4 =np.array([1,1])
In [12]:
         print("OR({},{})={}".format(0,0,OR_logicFunction(test1)))
         print("OR({},{})={}".format(0,1,OR_logicFunction(test2)))
         print("OR({},{})={}".format(1,0,OR_logicFunction(test3)))
         print("OR({},{})={}".format(1,1,OR_logicFunction(test4)))
         OR(0,0)=0
         OR(0,1)=1
         OR(1,0)=1
         OR(1,1)=1
```