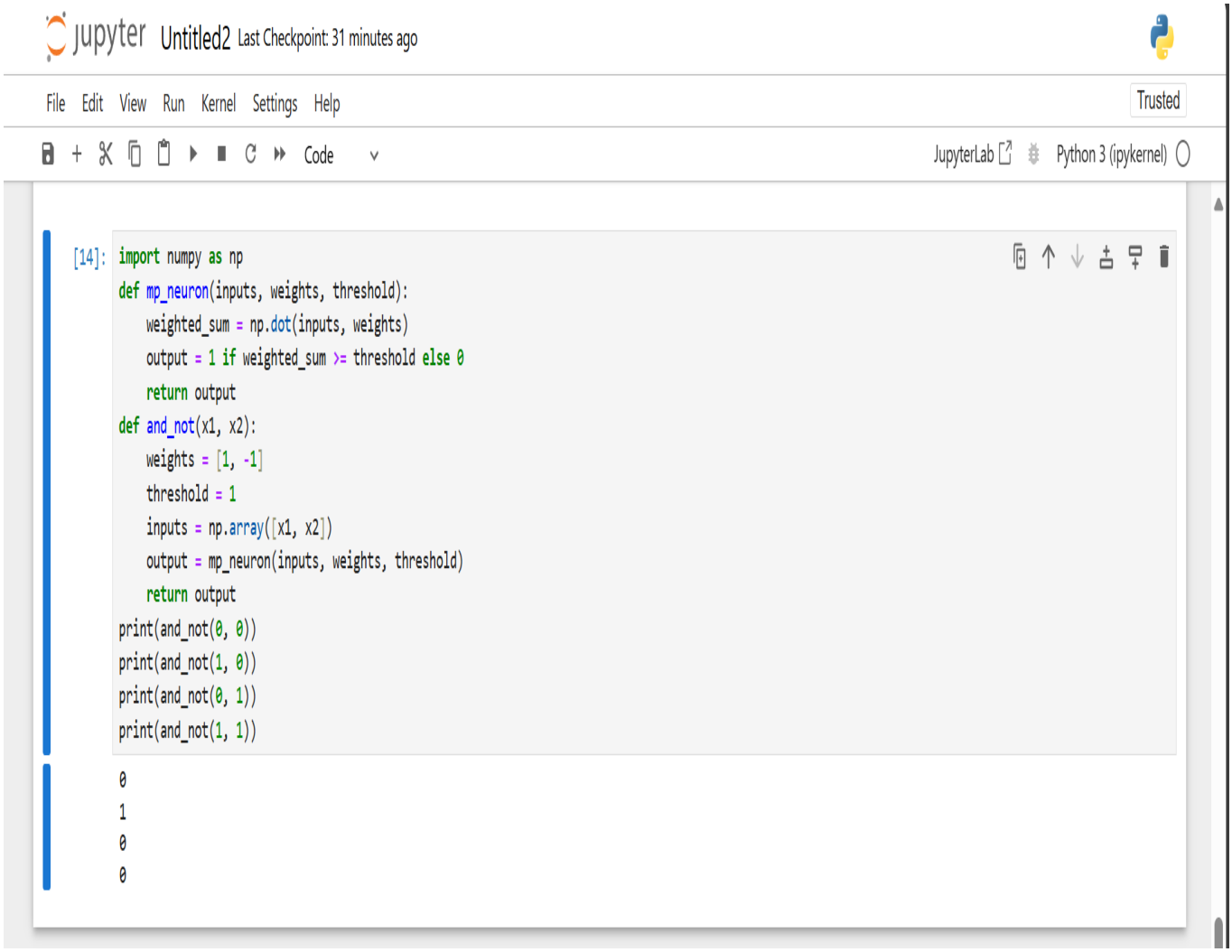
jupyter Untitled2 Last Checkpoint: 31 minutes ago
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Code
JupyterLab
Python 3 (ipykernel)
[14]:
import numpy as np
def mp_neuron(inputs, weights, threshold):
weighted_sum = np.dot(inputs, weights)
output = 1 if weighted_sum >= threshold else 0
return output
def and_not(x1, x2):
weights = [1, -1]
threshold = 1
inputs = np.array([x1, x2])
output = mp_neuron(inputs, weights, threshold)
return output
print(and_not(0, 0))
print(and_not(1, 0))
print(and_not(0, 1))
print(and_not(1, 1))
0
1
0
0