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Practical No:2

```
In [1]: 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
```