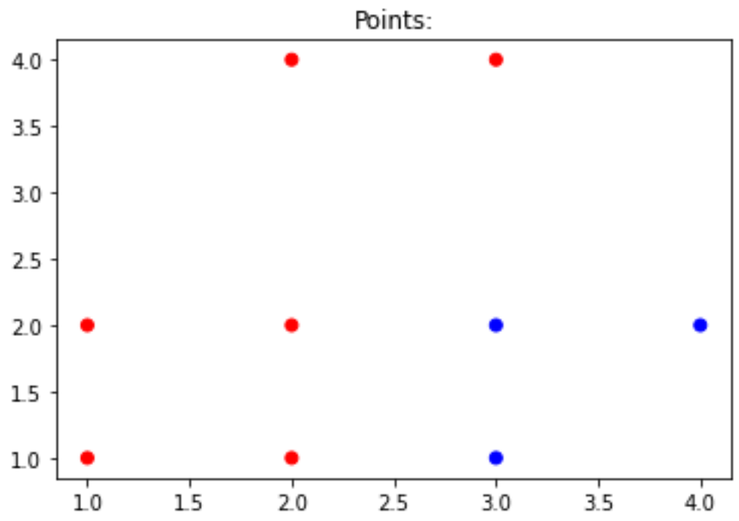
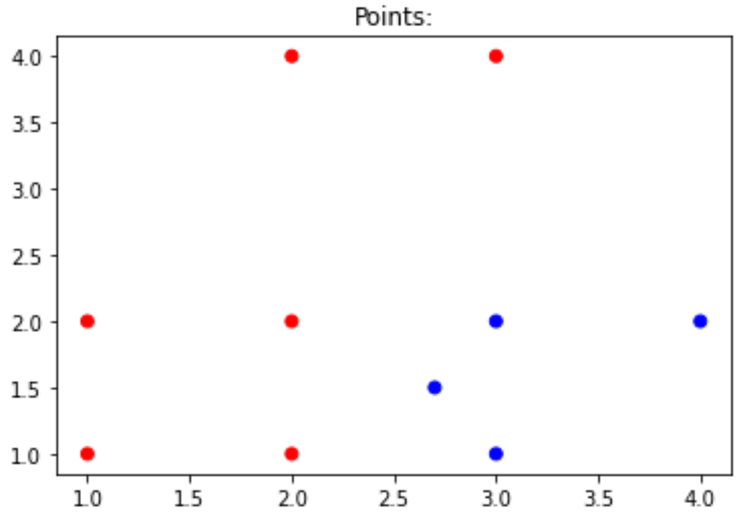
```
In [3]: runfile('/Users/Misha/Desktop/self learning/neural nets/simple_neural_net.py', wdir='/Users/Misha/Desktop/self learning/neural
nets')
```




```
Loss value: 0.41666446509503513
Loss value: 0.0019523839060624959
Loss value: 0.0007016892539200815
Loss value: 0.0004089099164898799
Loss value: 0.0002853692826888556
Loss value: 0.00021820964454746596
Loss value: 0.0001754224982438115
Loss value: 0.00014768539430305794
Loss value: 0.00012661964174901248
Loss value: 0.00011097661209396528
Loss value: 9.93510530005173e-05
Loss value: 8.929337478563352e-05
Loss value: 8.138815157650955e-05
Loss value: 7.467717168697876e-05
Loss value: 6.908878780601579e-05
Loss value: 6.430726083271013e-05
Loss value: 6.009042823519151e-05
Loss value: 5.636207824625447e-05
Loss value: 5.3020614348145066e-05
Loss value: 5.0259616228995336e-05


Chosen point is: [[2.7 1.5]]
Value as predicted by network: [[0.04905211 0.9503805 ]]
Chosen point is blue
```




```
In [4]:
```