Worksheet-3

```
⇥  Output of AND gate for inputs [0, 0, 1, 1] and [0, 1, 0, 1] with threshold 2: [0, 0, 0, 1]
```

```
Output of OR gate for inputs [0, 0, 1, 1] and [0, 1, 0, 1] with threshold 1: [0, 1, 1, 1]
```

```
Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force_remount=True).
```
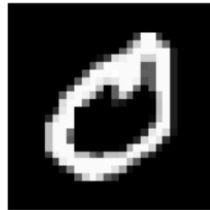
```
Feature matrix shape: (12665, 784)
Label vector shape: (12665,)
```

First 5 Images of 0 and 1 from MNIST Subset
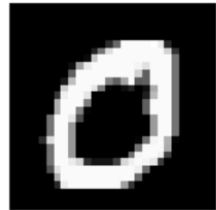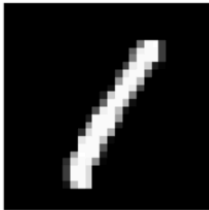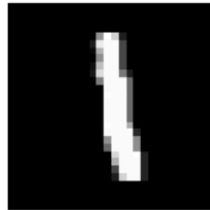
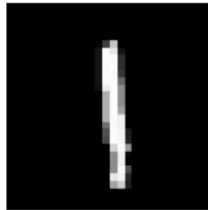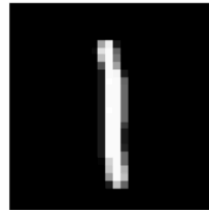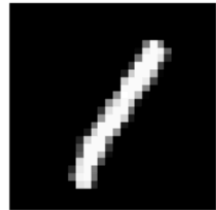| Label: 0 | Label: 0 | Label: 0 | Label: 0 | Label: 0 |

| Label: 1 | Label: 1 | Label: 1 | Label: 1 | Label: 1 |

```
The Final Accuracy is:  1.0
```

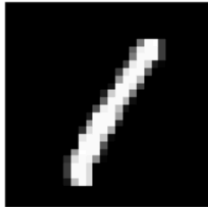Final Accuracy: 1.0000
All images were correctly classified!
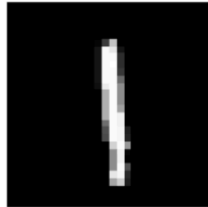
Correctly Classified Images

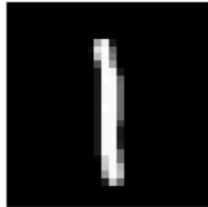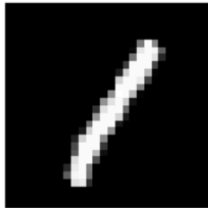Pred: 0, True: 0 | Pred: 1, True: 1 | Pred: 1, True: 1 | Pred: 1, True: 1 | Pred: 1, True: 1

Pred: 0, True: 0 | Pred: 1, True: 1 | Pred: 1, True: 1 | Pred: 0, True: 0 | Pred: 0, True: 0