

Task 3 Report

Team ID: CS_H21

Team Members:

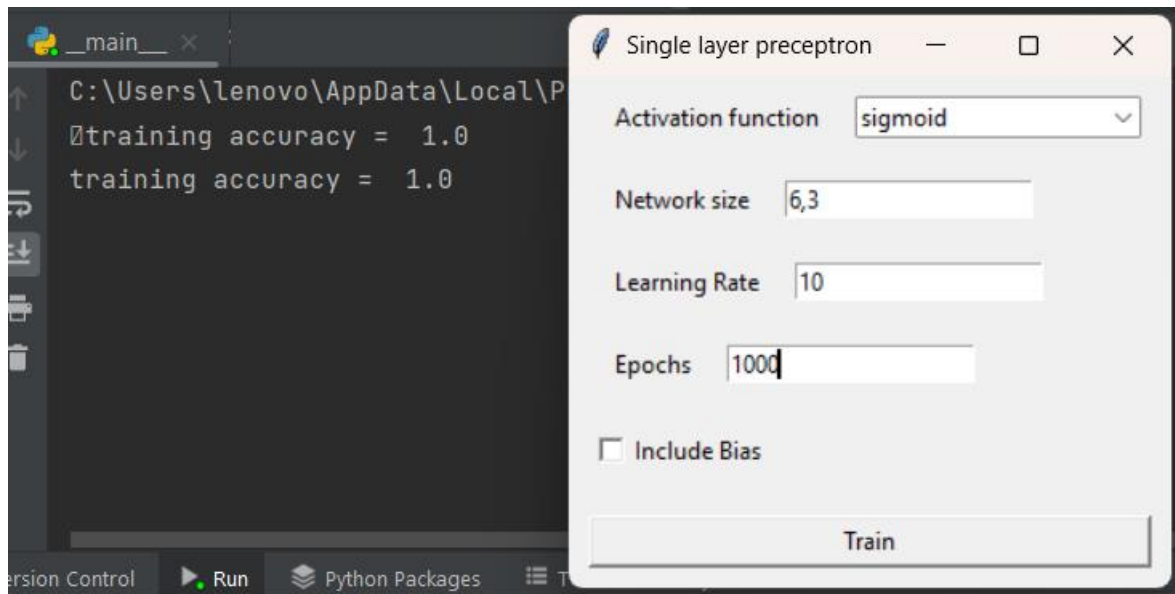
| ID | Name |
|-------------|------------------------|
| 20191700109 | اسلام عصام عبد العاطي |
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| 20191700141 | اميره ياسر محمد عطيه |
| 20191700159 | ايمان منصور عبد الحليم |

Best Accuracy Using Each Activation Function:

| Activation Function | Train Accuracy | Test Accuracy | Learning Rate | Epochs | #Layers | #Hidden Nodes |
|---------------------|----------------|---------------|---------------|--------|---------|---------------|
| Sigmoid | 1.0 | 1.0 | 10 | 1000 | 1 | 6 |
| Tanh | 1.0 | 0.98 | 0.15 | 5000 | 1 | 4 |

Screenshots:

Using Sigmoid:



Using Tanh:

