LAB Manual

**Experiment No. 5**

**Neural Network & Deep Learning**

PART B

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| Class : B | Batch : EB1 |
| Date of Experiment: 19/01/24 | Date of Submission |
| Grade : |  |

**B.1 Software Code written by student:**

#Samarth Borade

#BTI SEM 10

#C009

#EXP 5 : Implementing parameter tuning and sequential model in python

**B.2 Output:**

**Output:**

**B.3 Observations and learning:**

**B.4 Conclusion:**

Overall, the code demonstrates a sequential neural network regression model for house price prediction with proper preprocessing and training steps. Regularization techniques are applied to avoid overfitting, and the model's performance is assessed using mean squared error on the test set.