

1. Develop a program to build and train a feedforward neural network from scratch using a deep learning framework like TensorFlow, keras etc.

2. Multiclass classification using Deep Neural Networks: Example: Use the OCR letter recognition dataset

3. Binary classification using Deep Neural Networks
Example: Classify movie reviews into "positive" reviews and "negative" reviews, just based on the text content of the reviews. Use IMDB dataset

4. Develop a program to recognize digits using CNN.

5. Create an RNN-based sentiment analysis system to classify text reviews (such as movie reviews or product reviews) into positive, negative, or neutral sentiments. Use datasets containing labeled text data for training and testing the model's accuracy in sentiment classification

6. Develop a program to forecast future values in time series data, such as weather patterns, using RNN models like LSTM or GRU.