```
mnist = tf.keras.datasets.mnist
          (x_train, y_train), (x_test, y_test) = mnist.load_data()
          x_{train}, x_{test} = x_{train}/255.0, x_{test}/255.0
In [4]: print(x_train[0])
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In [5]: model = tf.keras.models.Sequential([
              tf.keras.layers.Flatten(input_shape=(28, 28)),
              tf.keras.layers.Dense(128, activation='relu'),
             tf.keras.layers.Dropout(0.2),
              tf.keras.layers.Dense(10, activation='softmax')
          ])
In [6]: model.compile(optimizer='adam',
                        loss='sparse_categorical_crossentropy',
                        metrics=['accuracy'])
In [7]: model.fit(x_train, y_train, epochs=5)
          Epoch 1/5
          Epoch 2/5
          Epoch 3/5
          Epoch 4/5
          Epoch 5/5
          <keras.src.callbacks.History at 0x16493fd8990>
Out[7]:
In [8]: model.evaluate(x_test, y_test)
```

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Out[8]:

In [ ]:

import tensorflow as tf