```
In [2]: import pandas as pd
        from sklearn.model_selection import train_test_split
        from keras.models import Sequential
        from keras.layers import Activation,Dense
        import pandas as pd
In [21]:
        data = pd.read_csv(r"C:\Users\Mahesh\OneDrive\Pictures\Screenshots\Documents
        data.head()
Out[21]:
           age sex cp trestbps chol fbs restecg thalach exang oldpeak slope ca thal targe
         0
            52
                          125
                              212
                                   0
                                               168
                                                            1.0
                                                                         3
                 1
                                                      0
         1
            53
                    0
                          140
                              203
                                          0
                                               155
                                                            3.1
                                                                     0
                                                                         3
                 1
                                                      1
         2
            70
                    0
                          145
                              174
                                   0
                                          1
                                               125
                                                      1
                                                            2.6
                                                                  0
                                                                     0
                                                                         3
         3
            61
                 1
                    0
                          148
                              203
                                   0
                                          1
                                               161
                                                      0
                                                            0.0
                                                                  2
                                                                     1
                                                                         3
         4
            62
                 0
                    0
                          138
                              294
                                   1
                                          1
                                               106
                                                      0
                                                            1.9
                                                                  1
                                                                     3
                                                                         2
In [23]: x = data.drop(columns=['target'])
        y = data['age']
In [24]: x_train, x_test, y_train, y_test = train_test_split(x, y, test_size=0.2, rar
In [25]:
        model = Sequential()
        model.add(Dense(32, activation='relu', input_shape=(x_train.shape[1],)))
        model.add(Dense(16, activation='relu'))
        model.add(Dense(1, activation='sigmoid'))
        model.compile(optimizer='adam', loss='binary_crossentropy', metrics=['accura
In [26]:
        model.fit(x_train, y_train, epochs=40, batch_size=32, validation_split=0.2)
        Epoch 1/40
        WARNING:tensorflow:From C:\Users\Mahesh\anaconda3\Lib\site-packages\kera
        s\src\utils\tf utils.py:492: The name tf.ragged.RaggedTensorValue is dep
        recated. Please use tf.compat.v1.ragged.RaggedTensorValue instead.
        WARNING:tensorflow:From C:\Users\Mahesh\anaconda3\Lib\site-packages\kera
        s\src\engine\base_layer_utils.py:384: The name tf.executing_eagerly_outs
        ide_functions is deprecated. Please use tf.compat.v1.executing_eagerly_o
        utside functions instead.
        - accuracy: 0.0000e+00 - val_loss: -2318.4348 - val_accuracy: 0.0000e+00
        Epoch 2/40
        - accuracy: 0.0000e+00 - val loss: -5213.0601 - val accuracy: 0.0000e+00
        Epoch 3/40
        - accuracy: 0.0000e+00 - val_loss: -9585.1631 - val_accuracy: 0.0000e+00
        Epoch 4/40
```