Aim:-

To evaluate accuracy of PIMA Indians datasets.

**Observations**: -

1.3 layers of Sequential model were built.

a.1st layer has activation of relu.

b.2nd layer also consists of relu.

c. The output layer has activation function of sigmoid.

2.The model is compiled with loss as binary cross entropy, optimizer adam is used.

Epochs are 50 and batch size is 10.

Accuracy of the models is

Accuracy: 65.10

The link of the Collab sheet on which code was run is given below -

<https://colab.research.google.com/drive/1Lu62CmssKt6u0fspCHaUbK_nPzjFYgN-#forceEdit=true&sandboxMode=true&scrollTo=EvnxnPIgtWWh>

Conclusion:-

PIMA Indians dataset on diabetes accuracy using Sequential model is 65.10%.