

In your scikit-learn implementation, set `hidden_layer_sizes` to the following values $(5, 5)$, $(10, 10)$, $(30, 10)$ and keep other parameters the same or as default. Report their training and testing accuracy using the same trial-test split in the `test_Part1()`.

The confusion matrix is $\begin{bmatrix} 0 & 8 \\ 0 & 12 \end{bmatrix}$ for testing accuracy. The confusion matrix is $\begin{bmatrix} 0 & 42 \\ 0 & 48 \end{bmatrix}$ for the training accuracy.