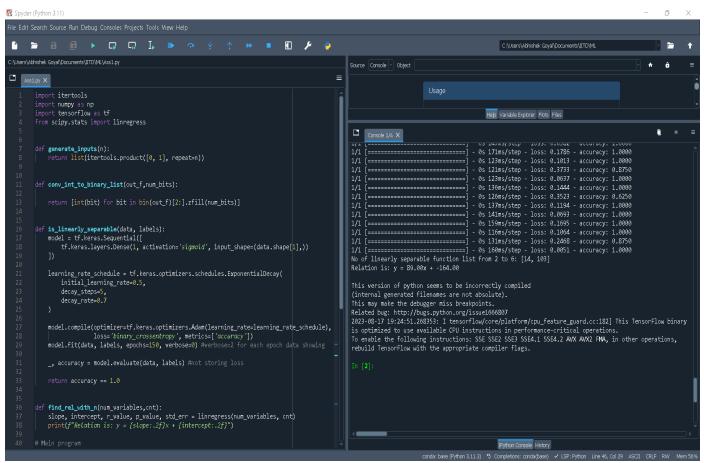
Assignment 01 Solution

Output produced for Input 2,3 only as other inputs were taking long time.



Logs:

Checking binary functions with 2 variables:

WARNING:tensorflow:5 out of the last 5 calls to <function

Model.make_test_function.<locals>.test_function at 0x0000022A95191E40> triggered tf.function retracing. Tracing is expensive and the excessive number of tracings could be due to (1) creating @tf.function repeatedly in a loop, (2) passing tensors with different shapes, (3) passing Python objects instead of tensors. For (1), please define your @tf.function outside of the loop. For (2), @tf.function has

reduce_retracing=True option that can avoid unnecessary retracing. For (3), please refer to https://www.tensorflow.org/guide/function#controlling_retracing and https://www.tensorflow.org/api_docs/python/tf/function for more details.

WARNING:tensorflow:6 out of the last 6 calls to <function

Model.make_test_function.<locals>.test_function at 0x0000022A962A9260> triggered tf.function retracing. Tracing is expensive and the excessive number of tracings could be due to (1) creating @tf.function repeatedly in a loop, (2) passing tensors with different shapes, (3) passing Python objects instead of tensors. For (1), please define your @tf.function outside of the loop. For (2), @tf.function has reduce_retracing=True option that can avoid unnecessary retracing. For (3), please refer to https://www.tensorflow.org/guide/function#controlling_retracing and https://www.tensorflow.org/api_docs/python/tf/function for more details.

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No of linearly separable function list from 2 to 6: [14, 103]

Relation is: y = 89.00x + -164.00

OUTPUT BY CODE : [14,103]