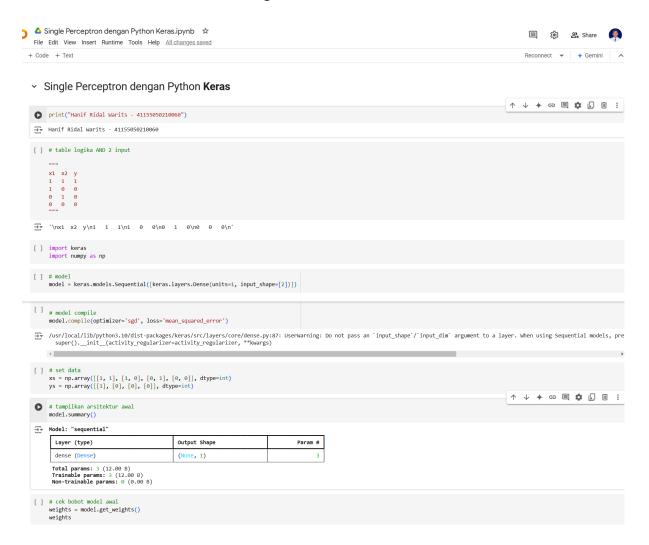
MACHINE LEARNING

Nama: Hanif Ridal Warits

NPM: 41155050210060

Kelas: Informatika A2 - 2021

Tugas Pertemuan 11



```
(x1 * w1) + (x2 * w2) = y
w1 = 2
w2 = 4
[ ] model2 = keras.models.Sequential([keras.layers.Dense(units=1, input_shape=[2])])
model2.compile(optimizer='sgd', loss='mean_squared_error')
xs = np.array([[2, 3], [4,1], [5,4], [7,5], [8,2], [2,1], [4,9], [8,2], [7,1], [6,5], [1,1], [3,2]])
ys = np.array([[16], [12], [28], [34], [24], [8], [44], [24], [18], [32], [6], [14]])
[ ] weights = model2.get_weights() weights
[ ] model2.fit(xs, ys, epochs=1000)
↑ ↓ ♦ ⊖ ■ 🕏 🗓 🔟 :
[ ] data = np.array([[3,3]])
    answer = model2.predict(data)
    print(answer)
     # harusnya 3*2 + 3*4 = 18
1/1 ── 0s 20ms/step [[18.165552]]
[ ] weights = model2.get_weights() weights
```