✓ **Selamat! Anda lulus!**

| Nilai diterima 100% | Nilai Pengiriman Terbaru 100% | UNTUK LULUS 80% atau lebih tinggi |

Pergi ke item berikutnya

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1. For the the following code:

   model = Sequential([

   Dense(units=25, activation="sigmoid"),

   Dense(units=15, activation="sigmoid"),

   Dense(units=10, activation="sigmoid"),

   Dense(units=1, activation="sigmoid")])

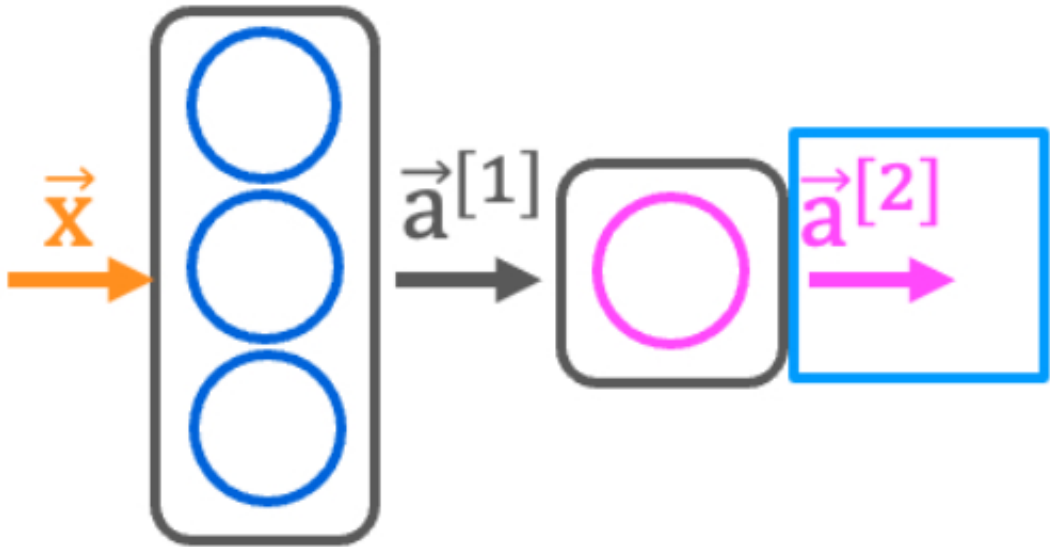   This code will define a neural network with how many layers?

   ● 4

   ○ 3

   ○ 5

   ○ 25

   1 / 1 poin

   ✓ **Benar**
   Yes! Each call to the "Dense" function defines a layer of the neural network.

---

2. **1 / 1 poin**


```
x = np.array([[200.0, 17.0]])
layer_1 = Dense(units=3, activation='sigmoid')
a1 = layer_1(x)


layer_2 = Dense(units=1, activation='sigmoid')
a2 = layer_2(a1)
```

   How do you define the second layer of a neural network that has 4 neurons and a sigmoid activation?

   ● Dense(units=4, activation='sigmoid')

   ○ Dense(units=[4], activation=['sigmoid'])

   ○ Dense(layer=2, units=4, activation = 'sigmoid')

   ○ Dense(units=4)

   ✓ **Benar**
   Yes! This will have 4 neurons and a sigmoid activation.

---

3. **1 / 1 poin**

   If the input features are temperature (in Celsius) and duration (in minutes), how do you write the code for the first feature vector x shown above?

   ○ x = np.array([[200.0],[17.0]])

   ○ x = np.array([['200.0', '17.0']])

   ● x = np.array([[200.0, 17.0]])

   ○ x = np.array([[200.0 + 17.0]])

   ✓ **Benar**
   Yes! A row contains all the features of a training example. Each column is a feature.