

```

# first import the libraries that you need
from keras.models import Sequential
from keras.layers import Activation
from keras.optimizers import SGD
from keras.layers import Dense
# you may also download datasets from keras or kaggle

# example to define your model
# it is a sequential model (no feedback)
model = Sequential()

# add layers, as (number of neurons, number of inputs, initial weight values , activation function
# layers are added in the given order. For except for the first layer you don't need to define the number
# of inputs (it is the number of neurons in the previous layer)
model.add(Dense(768, input_dim=3072, init="uniform", activation="relu"))
model.add(Dense(384, activation="relu", kernel_initializer="uniform"))
model.add(Dense(2))
model.add(Activation("softmax"))

# create the model
model.compile(loss="binary_crossentropy", metrics=["accuracy"])

# now train the model
model.fit(trainData, trainLabels, epochs=50, batch_size=128, verbose=1)

# To test the model you may use
(loss, accuracy) = model.evaluate(testData, testLabels, batch_size=128, verbose=1)

# it is also possible to save your model and load it later on
model.save(args["model"])

```

There are a large number of examples at the official webpage of keras.

Please check:

<https://keras.io/examples/>

