model = Sequential()

model.add(Conv2D(32, (3, 3), activation='relu', kernel\_initializer='he\_uniform', input\_shape=(28, 28, 1)))

model.add(MaxPooling2D((2, 2)))

model.add(Flatten())

model.add(Dense(100, activation='relu', kernel\_initializer='he\_uniform'))

model.add(Dense(10, activation='softmax'))

# compile model

opt = SGD(lr=0.01, momentum=0.9)

model.compile(optimizer=opt, loss='categorical\_crossentropy', metrics=['accuracy'])