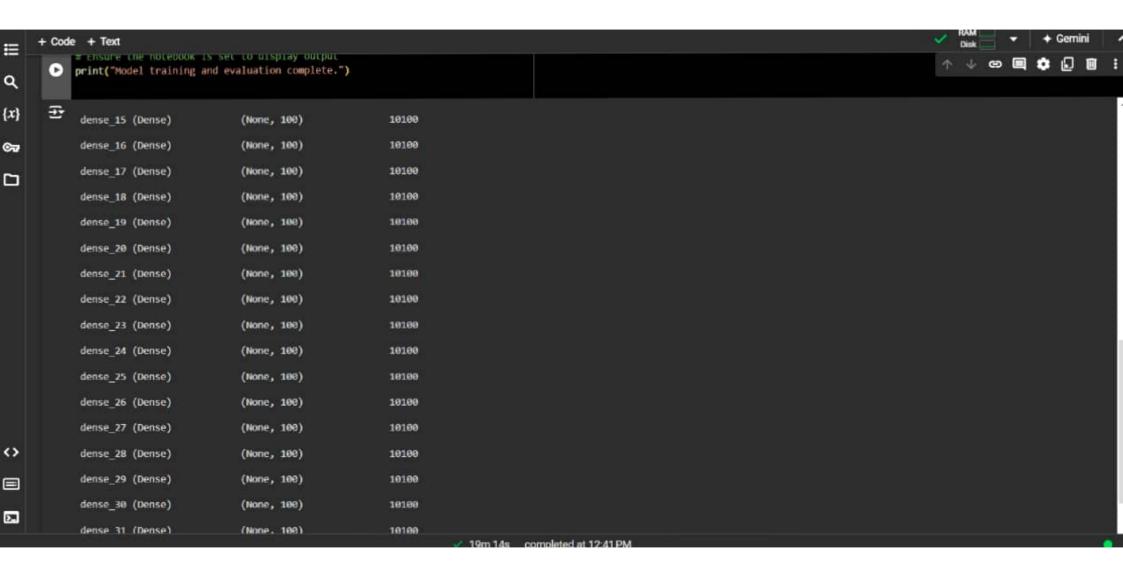
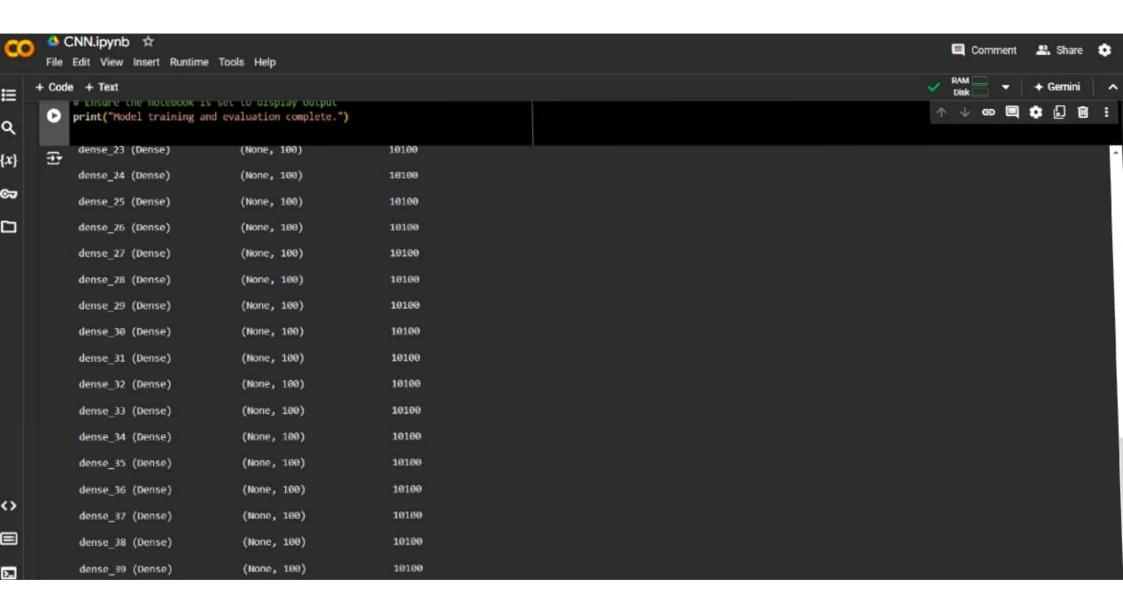
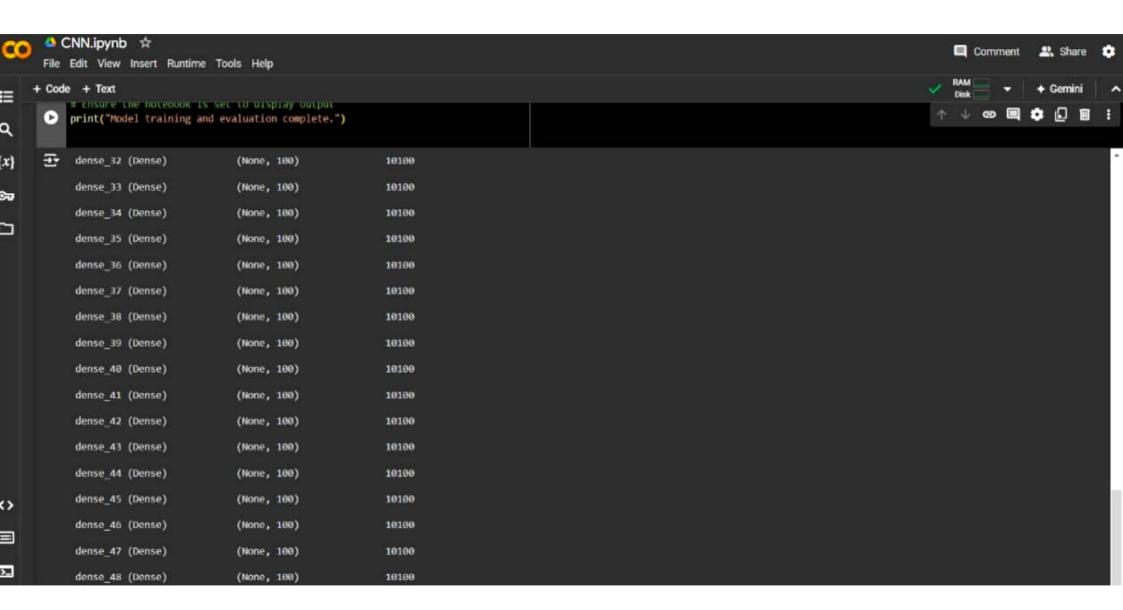
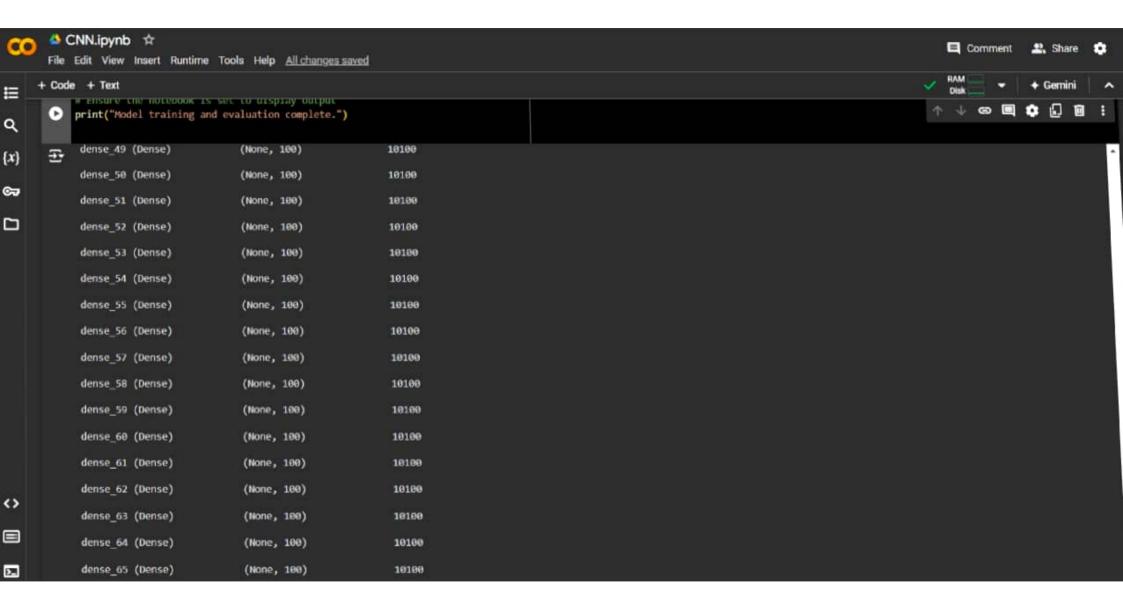


```
mode1.add(layers.MaxPooling2D((2, 2)))
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model.add(layers.Conv2D(64, (3, 3), activation='selu'))
model.add(layers.Flatten())
# Add 100 hidden layers each with 100 neurons using SELU activation function
for i in range(100):
    model.add(layers.Dense(100, activation='selu'))
model.add(layers.Dense(10, activation='softmax'))
# Print to confirm model is built
print("Model built successfully")
 # Compile the model
 model.compile(optimizer=keras.optimizers.Adam(learning_rate=0.001),
               loss='sparse categorical crossentropy',
              metrics=['accuracy'])
 # Print to confirm model is compiled
 print("Model compiled successfully")
 # Train the model with verbose set to 1 for detailed output
 history = model.fit(train images, train labels, epochs=10, validation data=(test images, test labels), verbose=1)
 # Evaluate the model with verbose set to 2 for detailed output
 test_loss, test_acc = model.evaluate(test_images, test_labels, verbose=2)
 print(f'Test accuracy: {test acc}')
  # Print the model summary
  model.summary()
  # Ensure the notebook is set to display output
  print("Model training and evaluation complete.")
```









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	dense_76 (Dense)	(Nane, 188)	10100				
	dense_77 (Dense)	(None, 100)	10100				
	dense_78 (Dense)	(None, 100)	10100				
	dense_79 (Dense)	(None, 100)	10100				
	dense_80 (Dense)	(None, 100)	10100				
	dense_81 (Dense)	(None, 100)	10100				
	dense_82 (Dense)	(None, 100)	10100				
	dense_83 (Dense)	(None, 100)	10100				
	dense_84 (Dense)	(None, 100)	10100				
	dense_85 (Dense)	(Name, 188)	10100				
	dense_86 (Dense)	(None, 100)	10100				
	dense_87 (Dense)	(None, 100)	16100				
	dense_88 (Dense)	(None, 100)	10100				
	dense_89 (Dense)	(None, 180)	10100				
	dense_90 (Dense)	(None, 100)	10100				
	dense_91 (Dense)	(None, 100)	10100				