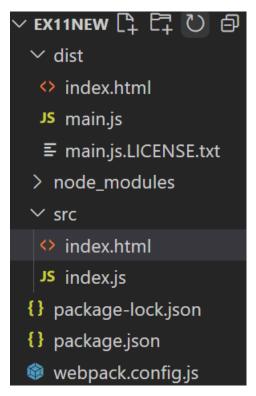
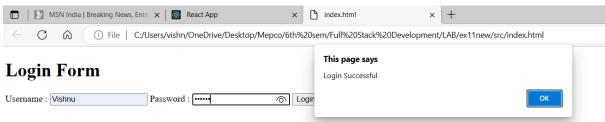
Exercise - 11

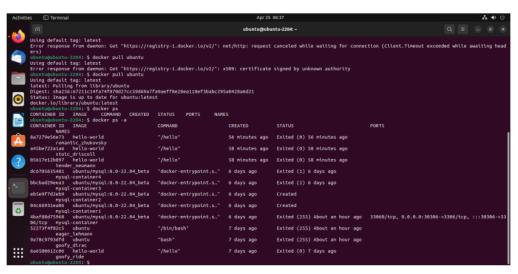


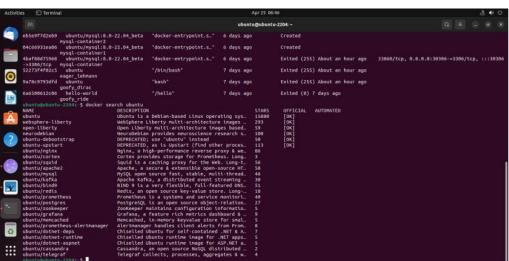


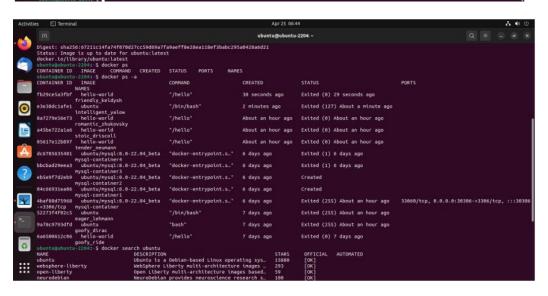
Exercise – 12



Exercise - 13







Exercise - 7

GPU (VGG16)

2023-04-28 11:52:01.358977: I tensorflow/core/util/port.cc:110] oneDNN custom operations are on. You may see slightly different numerical results due to floating-point round-off errors from different computation orders. To turn them off, set the environment variable `TF_ENABLE_ONEDNN_OPTS=0`

```
.023-04-28 11:52:01.362215: I tensorflow/tsl/cuda/cudart_stub.cc:28] Could not find cuda drivers on your machine, GPU will not be used. 2023-04-28 11:52:01.418680: I tensorflow/tsl/cuda/cudart_stub.cc:28] Could not find cuda drivers on your machine, GPU will not be used. 2023-04-28 11:52:01.419347: I tensorflow/core/platform/cpu_feature_guard.cc:182] This TensorFlow binary is optimized to use available CPU instruct ions in performance-critical operations.
=========] - 55s 71ms/step - loss: 1.2742 - accuracy: 0.5416 - val loss: 1.1570 - val accuracy: 0.5853
782/782 [==:
782/782 [==
Epoch 4/10
782/782 [==
Epoch 5/10
782/782 [==
Epoch 6/10
             Epoch 7/10
782/782 [==
Epoch 8/10
              =========] - 50s 64ms/step - loss: 0.8657 - accuracy: 0.6988 - val_loss: 0.8787 - val_accuracy: 0.6964
                :========] - 51s 65ms/step - loss: 0.8068 - accuracy: 0.7190 - val loss: 0.8693 - val accuracy: 0.7055
782/782 [=
Epoch 9/10
782/782 [=
```