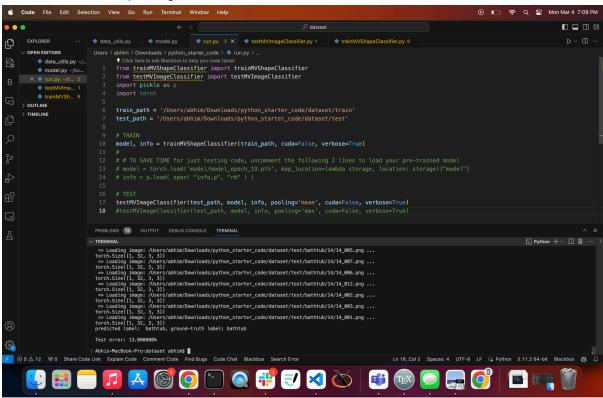
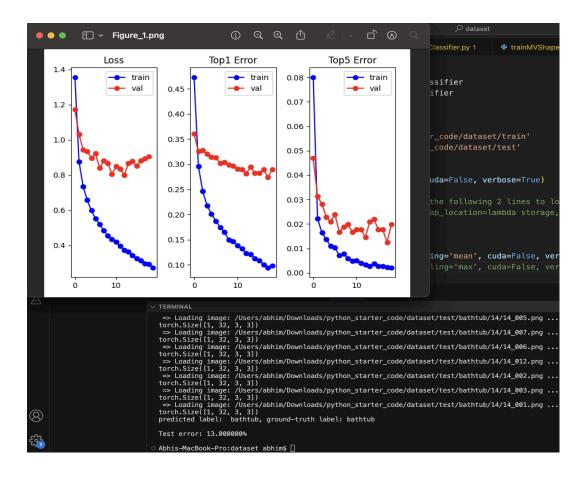
Name: Abhinava Maddha Spire ID: 33619733

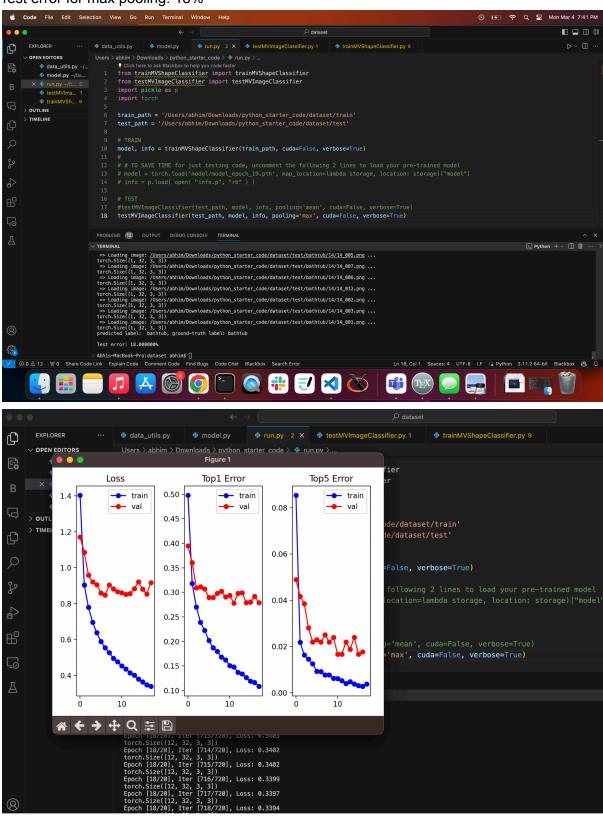
Report

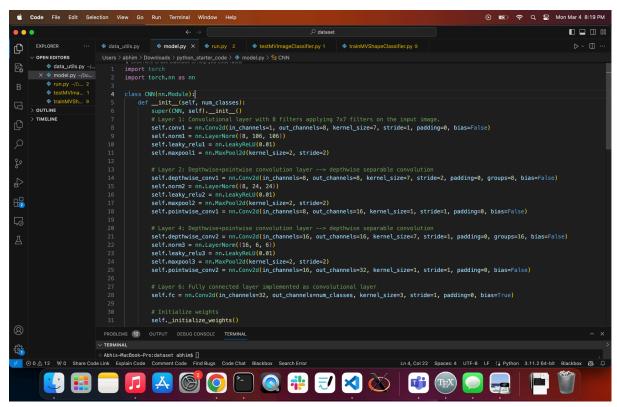
Test error for mean pooling: 13%





Test error for max pooling: 18%





Bias set false for convolutional layers before ReLU.

Additionally we are using LayerNorm with elementwise_affine parameter defaulting to True (and bias True too) meaning bias variables are initially 0 and then learnt as training progresses so as to avoid having points at origin (0,0..) and to thus learn patterns better from the data without missing any points after the ReLU transformation.

Bias set false for pointwise convolutional layers.

Bias set true for final fully connected layer since even if the model learns that it isn't required it will just set it to zero at the end of training.