```
Model is Fashion_MNIST_CNN(
  (layer1): Sequential(
    (0): Conv2d(1, 32, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1))
    (1): BatchNorm2d(32, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
    (2): ReLU()
    (3): MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
  )
  (layer2): Sequential(
    (0): Conv2d(32, 64, kernel_size=(3, 3), stride=(1, 1))
    (1): BatchNorm2d(64, eps=1e-05, momentum=0.1, affine=True, track_running_stats=True)
    (2): ReLU()
    (3): MaxPool2d(kernel_size=2, stride=2, padding=0, dilation=1, ceil_mode=False)
  )
  (fc1): Linear(in_features=2304, out_features=600, bias=True)
  (drop): Dropout2d(p=0.25, inplace=False)
  (fc2): Linear(in_features=600, out_features=120, bias=True)
  (fc3): Linear(in_features=120, out_features=10, bias=True)
)
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epoch 0 | train loss : 0.4617224335670471
epoch 0 | Validation loss : 0.31251537799835205
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epoch 1 | train loss : 0.2918742001056671
epoch 1 | Validation loss : 0.27474740147590637
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epoch 2 | train loss : 0.25091177225112915
epoch 2 | Validation loss : 0.2626763582229614
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epoch 3 | train loss : 0.22133061289787292
epoch 3 | Validation loss : 0.25369346141815186
*****************************
epoch 4 | train loss : 0.20303447544574738
epoch 4 | Validation loss : 0.26531901955604553
*****************************
epoch 5 | train loss : 0.1889916956424713
epoch 5 | Validation loss : 0.2589437663555145
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epoch 6 | train loss : 0.17409785091876984
epoch 6 | Validation loss : 0.24925421178340912
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epoch 7 | train loss : 0.16152030229568481
epoch 7 | Validation loss : 0.25168725848197937
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epoch 8 | train loss : 0.15300384163856506
epoch 8 | Validation loss : 0.28593143820762634
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epoch 9 | train loss : 0.1405070573091507
epoch 9 | Validation loss : 0.26920488476753235
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epoch 10 | train loss : 0.13690444827079773
epoch 10 | Validation loss : 0.29819104075431824
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epoch 11 | train loss : 0.12778395414352417
early stopping
train accuracy : 0.9493125081062317
Validation accuracy : 0.9150833487510681