PROMPT

After you change the last linear layer of the resnet18 take a screen shot. make sure you include the last linear layer of the model.

```
(layer4): Sequential(
(0): BasicBlock(
(conv1): Conv2d(256, 512, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1), bias=False)
(bn1): BatchNorm2d(512, eps=le-05, momentum=0.1, affine=True, track_running_stats=True)
(relu): RelU(inplace=True)
(conv2): Conv2d(612, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
(bn2): BatchNorm2d(512, eps=le-05, momentum=0.1, affine=True, track_running_stats=True)
(downsample): Sequential(
(0): Conv2d(256, 512, kernel_size=(1, 1), stride=(2, 2), bias=False)
(1): BatchNorm2d(512, eps=le-05, momentum=0.1, affine=True, track_running_stats=True)
)
(1): BasicBlock(
(conv1): Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
(bn1): BatchNorm2d(512, eps=le-05, momentum=0.1, affine=True, track_running_stats=True)
(relu): RelU(inplace=True)
(conv2): Conv2d(512, 512, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
(bn2): BatchNorm2d(512, eps=le-05, momentum=0.1, affine=True, track_running_stats=True)
)
(avgpool): AdaptiveAvgPool2d(output_size=(1, 1))
(fc): Linear(in_features=512, out_features=2, bias=True)
```

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The image of the ResNet object should be included, if some of the image is cutoff its fine just make sure the last layer is a linear layer with an output dimension of 2 and an input dimension of 512:

```
centet{
(conv1): Conv2d(3, 64, kernel_size=(7, 7), stride=(2, 2), padding=(3, 3), bias=False)
(bnl): BatchNorm2d(64, eps=le=05, momentum=0.1, affine=True, track_running_state=True)
(maxpool): MaxPool2d(kernel_size=3, stride=2, padding=1, dilation=1, ceil_mode=False)
(layer1): Sequential(
(6): BasichNock(
(conv1): Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
(bnl): BatchNorm2d(64, eps=le=05, momentum=0.1, affine=True, track_running_state=True)
(conv2): Conv2]: Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
(bn2): BatchNorm2d(64, eps=le=05, momentum=0.1, affine=True, track_running_state=True)
(bn2): BatchNorm2d(64, eps=le=05, momentum=0.1, affine=True, track_running_state=True)
                                                                     [Uni]: SeatchLock(
[(1)]: BasichLock(
[(conv]): Conv2d(64, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), biss=False)
[hal): BatchNorm2d(64, eps=1e=05, nomentum=0.1, affine=True, track_running_state=True)
[(rol]): ReLU([inplace=True)
[(conv2): Conv2](46, 64, kernel_size=(3, 3), stride=(1, 1), padding=(1, 1), biss=False)
[(bn2): BatchNorm2d(64, eps=1e=05, nomentum=0.1, affine=True, track_running_state=True)
[(bn2): BatchNorm2d(64, eps=1e=05, nomentum=0.1, affine=True, track_running_state=True)
                                                       (layer2): Sequential(
(0): BasicBlock(
(conv1): Conv2(64, 128, kernel_size=(3, 3), stride=(2, 2), padding=(1, 1), bias=Faise)
(bn1): BatchNorm2d(128, eps=1e=05, momentum=0.1, affine=True, track_running_state=True)
(rclu): RefUliplace=true_convention=(1, 2), stride=(1, 1), padding=(1, 1), bias=Faise)
(bn2): BatchNorm2d(128, eps=1e=05, momentum=0.1, affine=True, track_running_state=True)
(downsample): Sequential()
                                                                                                      downsample): Sequential(
(0): Conv2d(64, 128, kernel_size=(1, 1), stride=(2, 2), bias=False)
(1): BatchNorn2d(128, pep=1e-05, momentum=0.1, affine=True, track_running_stats=True)
                                                                     (1): BasicBlock(
(convi): Convid(128, 128, kornel_size=(3, 3), stride=(1, 1), padding=(1, 1), bias=False)
(bnl): BatchNormZd(128, eps=te=05, momentum=0.1, affine=True, track_running_stata=True)
(rols): RoLU(inplace=True)
(rols): Roll (rols)
                                                                          , ayard); Sequential(
(0)1 BasicHlock(
(0)1 BasicHlock(
(conv1): Conv2d(128, 256, kernel_size-(3, 3), stride-(2, 2), padding-(1, 1), bias=False)
(hwill) BatchSorm2d(256, eps-1e-05, momentum-0.1, affine-True, track_running_state-True)

... bias=False)
                                                                                     coeri): Cowyd(128, 256, kernel_size(3, 3), stride(2, 2), padding(1, 1), bias=False(bnl): BatchNormd(256, eps=1e-05, momentume(1, sfire)reve, track_running_state=True(rels): NetM(inplace=True)(conv2): Cowyd(256, 256, kernel_size(3, 3), stride(1, 1), padding(1, 1), bias=False(khl): BatchNormd(256, eps=1e-05, momentume(1, sfire)reve, track_running_state=True(conv2): Cowyd(218, 256, kernel_size(1, 1), stride(2, 2, 1), bias=False(1): Cowyd(218, 256, kernel_size(1, 1), stride(2, 2, 1), bias=False(1): BatchNormd(256, eps=1e-05, momentume(1, sfire)): True, track_running_state=True(1): Cowyd(218, 256, kernel_size(1, 1), stride(2, 2, 2), bias=False(1): Dias=False(1): Dias=False
  );
(labsimbled)
(cond): Condd(256, 256, kornel_gizer(3, 3), strider(1, 1), paddingr(1, 1), blas-False)
(bh1): Satchborndd(256, eps-1e-05, momentume-0.1, affine-frue, track_running_state-frue)
(reluji Redi(injane-frue)
(cond): Redi(injane-frue)
(cond): Redi(injane-frue)
(cond): Satchborndd(256, eps-1e-05, momentume-0.1, affine-frue, track_running_state-frue)

PROMPS Satchborndd(256, eps-1e-05, momentume-0.1, affine-frue, track_running_state-frue)
  Take a screen shot of your Accuracy and the plot of
  the loss dunction and is the loss of the l
                                                                                   Print out the Accuracy and plot the loss stored in the list loss_list for every iteration and take a screen shot.
                   Out[19]: 0.9943
                                                            0 pts
                                                                  No 50 100 150 200 250
2 pts
                                                                       Yes
```

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The user produces the accuracy and following plot. The accuracy should be at least 98% and plot should be deceasing.

0 pts
no output
1 pt
the accuracy or plot is missing
2 pts
the accuracy or plot is incorrect
4 pts
perfect

PROMPT

Take a screen shot for your first four misclassified samples:

sample { } predicted value: {} actual value:{}

for example

sample10 predicted value: tensor([0]) actual value:tensor([1])

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this should be the output

```
sample 134 yhat tensor([0]) y tensor(1)
sample 364 yhat tensor([0]) y tensor(1)
sample 452 yhat tensor([0]) y tensor(1)
sample 546 yhat tensor([0]) y tensor(1)
```

0	0 pts no output
0	1 pt some correct
0	4 pts all correct