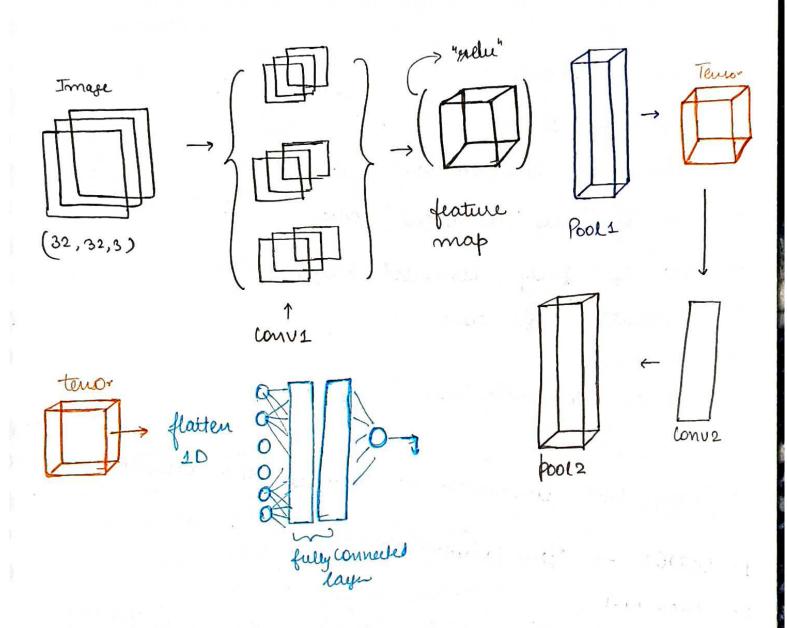
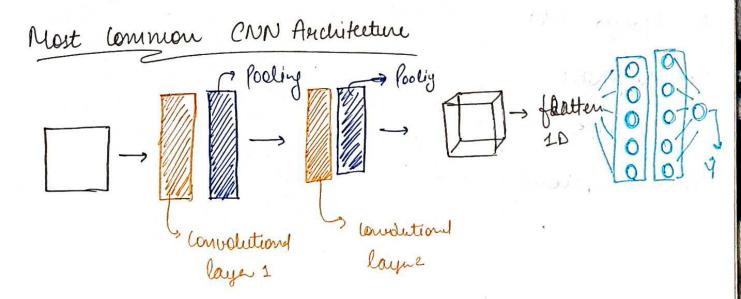
1) Convolution

2) Padding / steride 3> Pooling



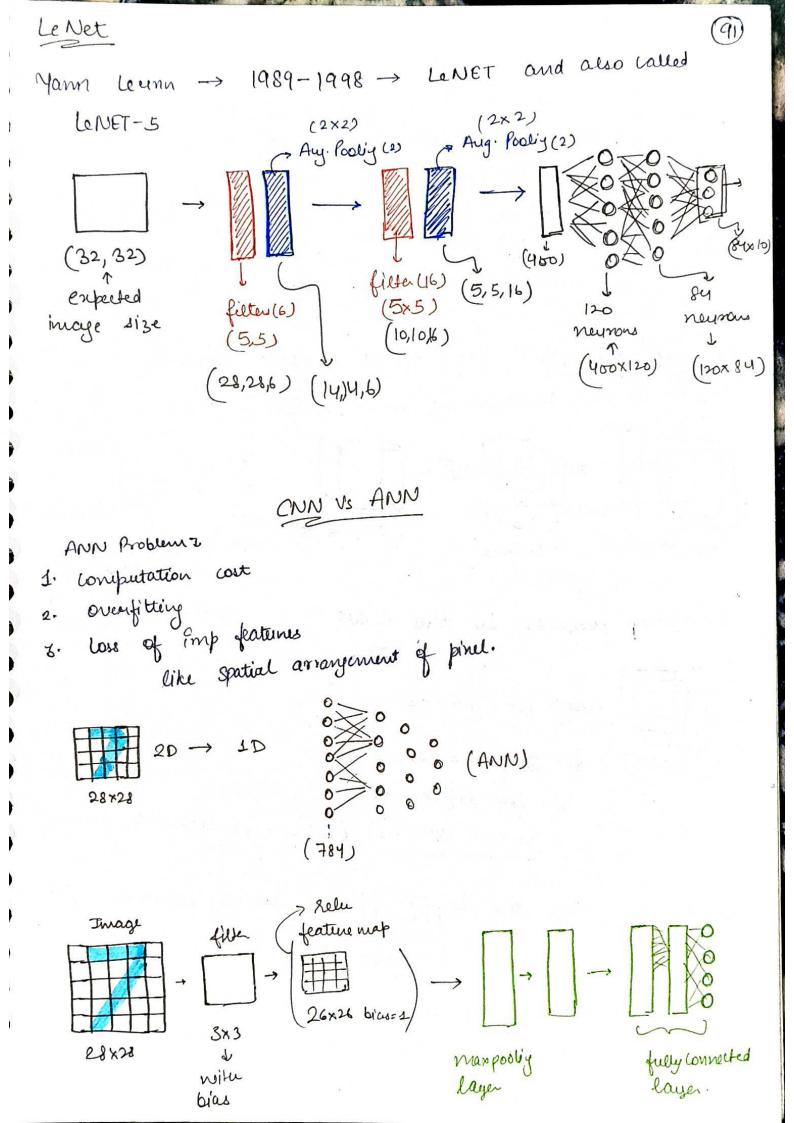


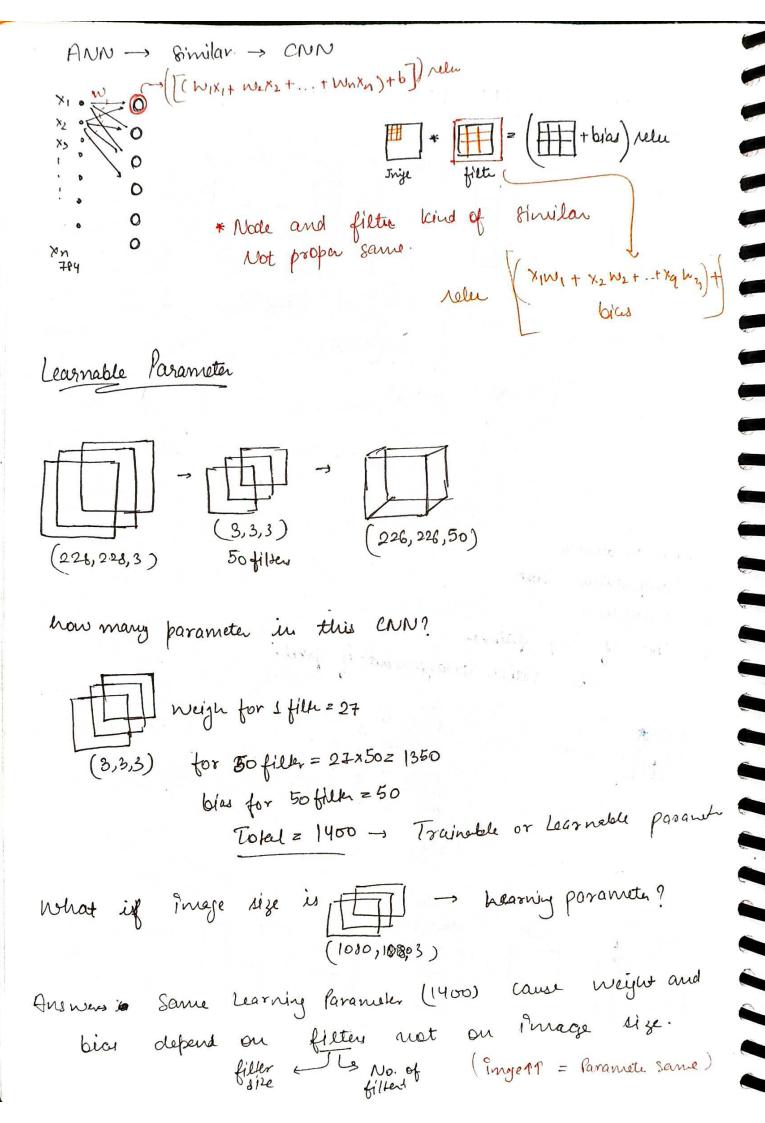
Make small aranges in common and Architecture and build different architecture.

- → No. of Convolutional layer => Change and make new
- No. of filters
- -> value of strides
- -> Padding in available on not
- -> No. of fully connected nodes
- -> No. of fully connected layers
- activation function
- > dropout
- Batch Donnalization

Image NET competition -> Produce diff anchitecture

- 1. LENET -> Yam LeCur
- 2. Alex NBT
- 3. Youse NET
- 4. VggNET
- 5. RESNIE
- 6. Inception





In CNN No of fillers

Parameter depend on

filler size

So, if you increase the lize of Image still parameter is same and computational power not increasing.

In ANN

11

ou - s Input (Image sizes) Parameter depend -> If angent 11 = No of OF 100 Weight 14 (28x28) -> Computational porrer 0 also Increase. Input 177 784 - chance to Increase No of weight Input and bia 11 overfitting computational Power

" () with the contraction of th