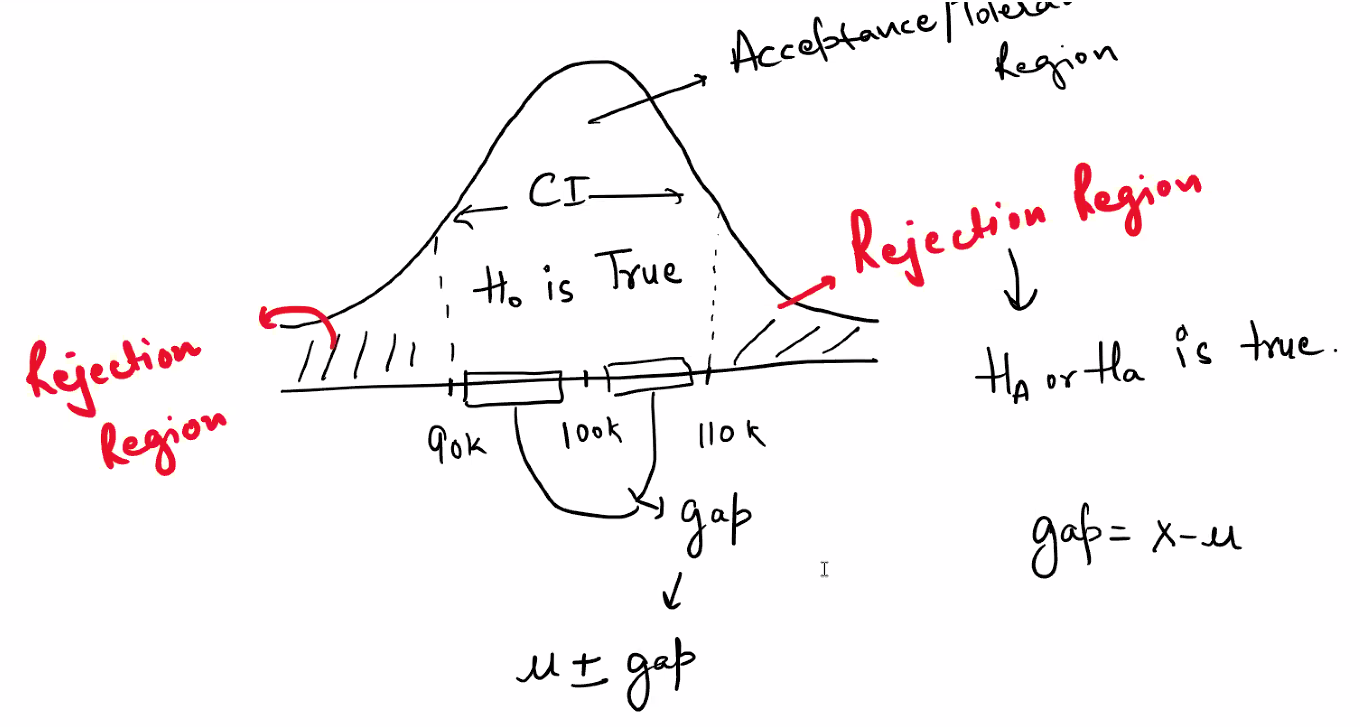
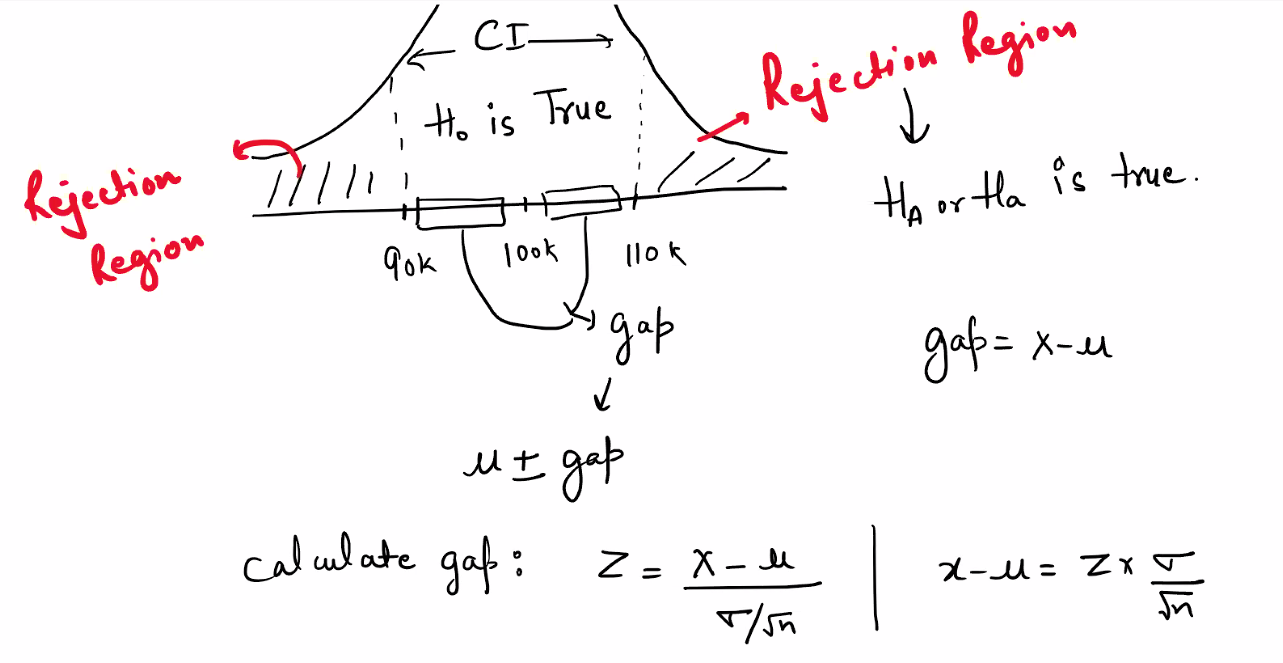
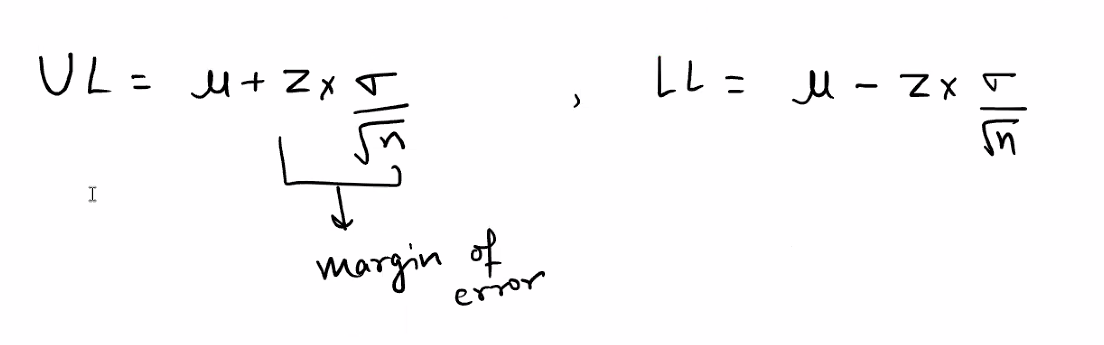
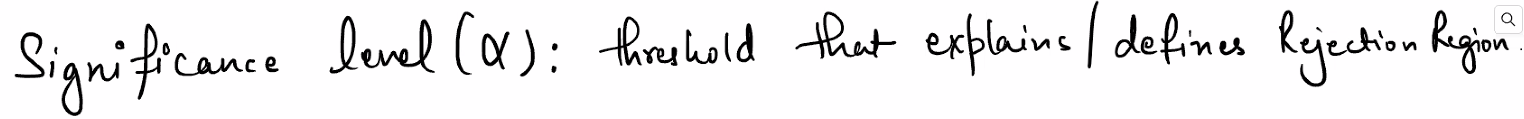
Day 9:

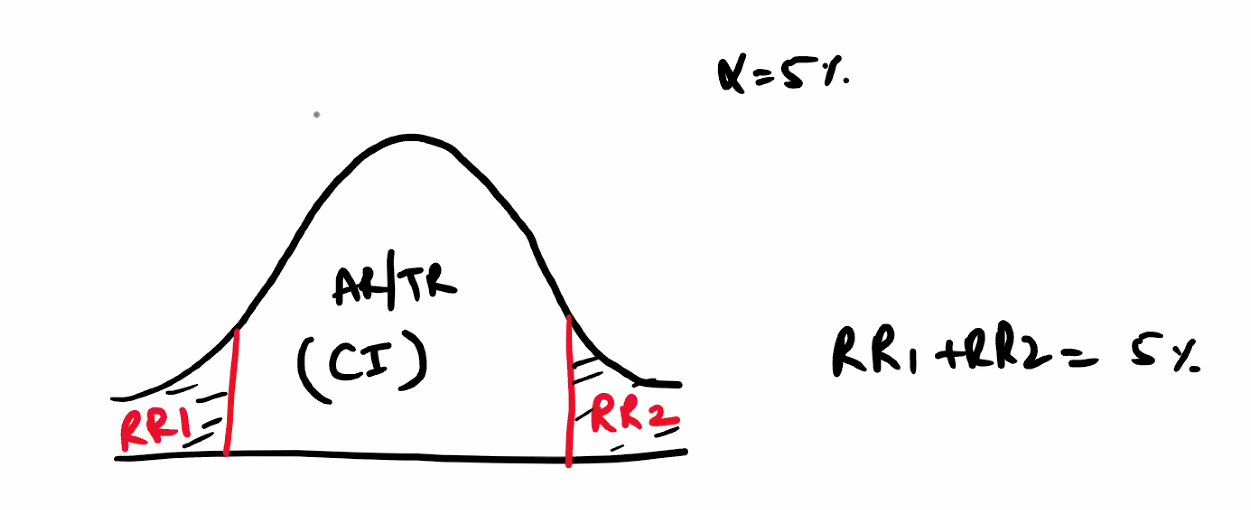
+H Pother’s Y\_testing:

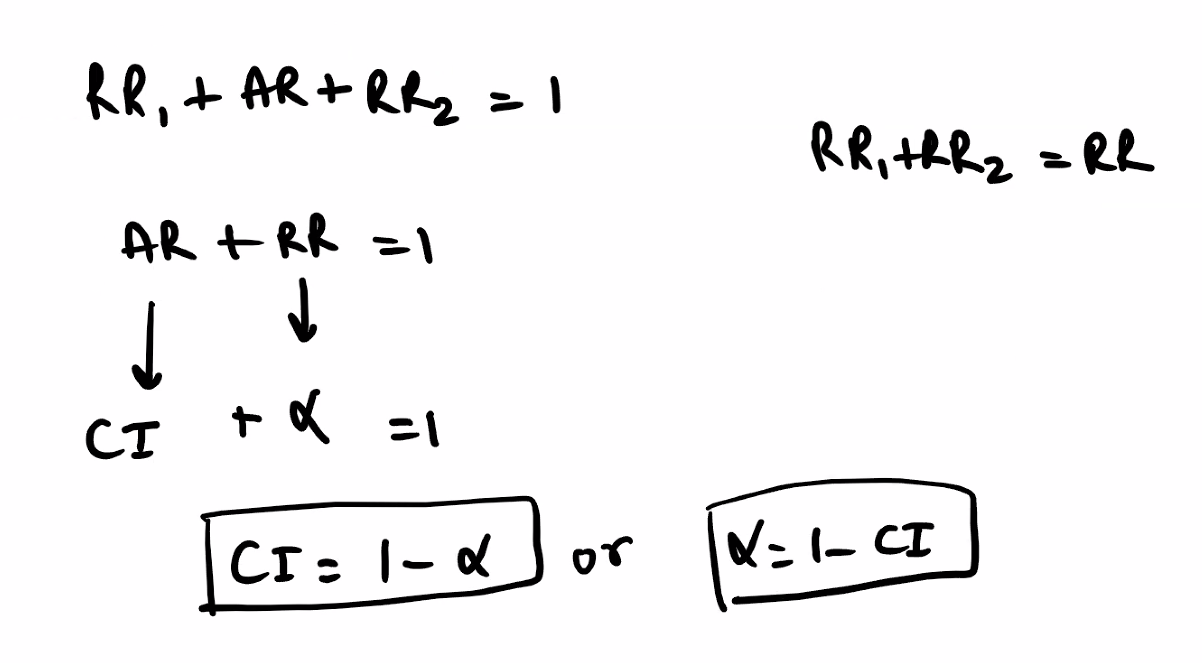






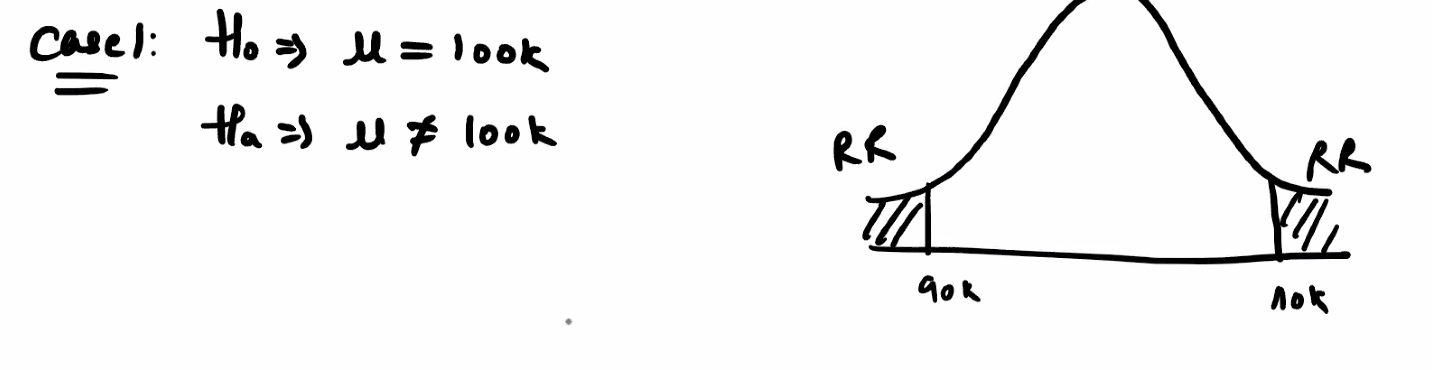


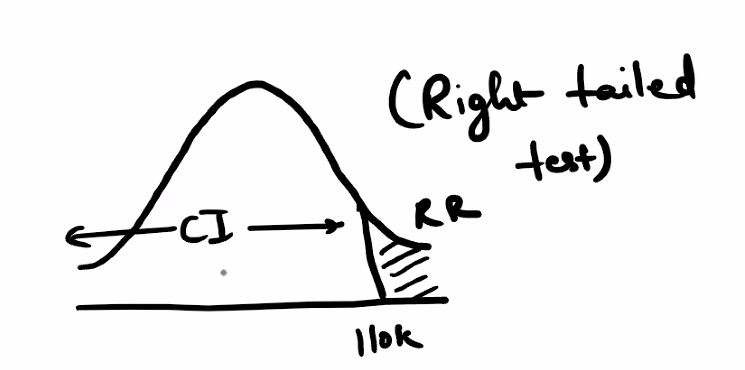


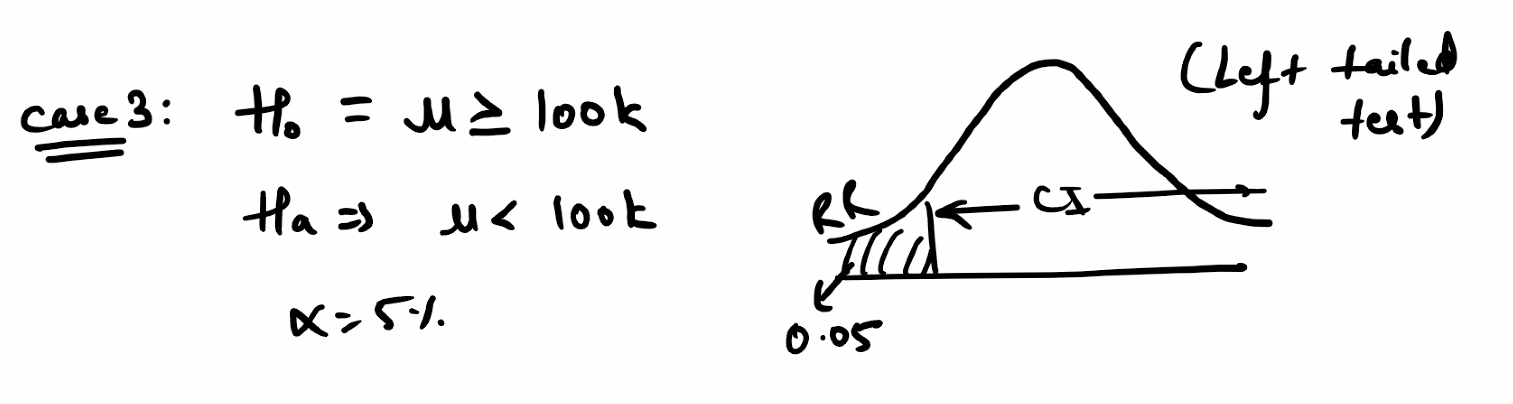


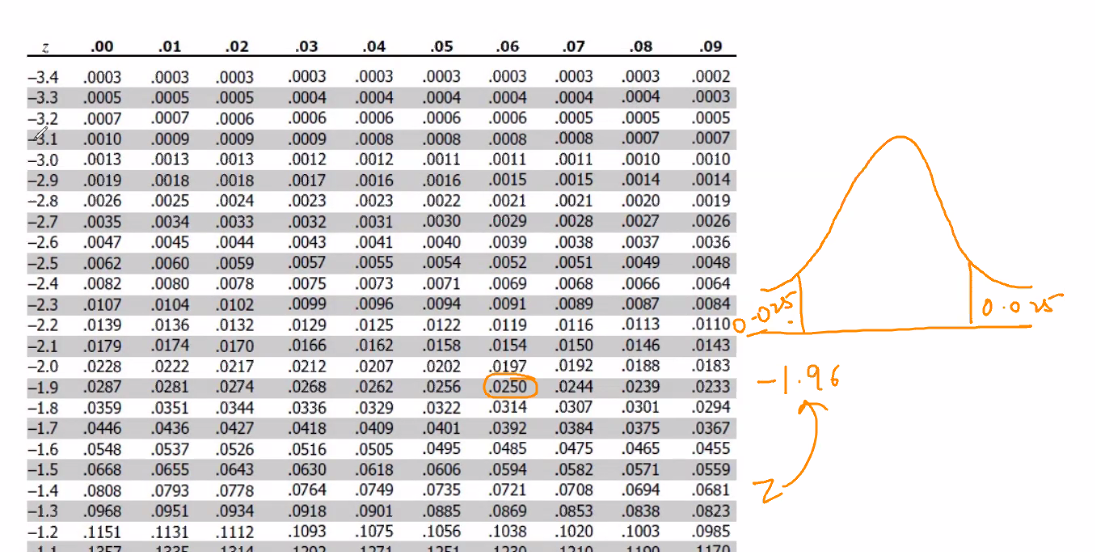
Tail test :

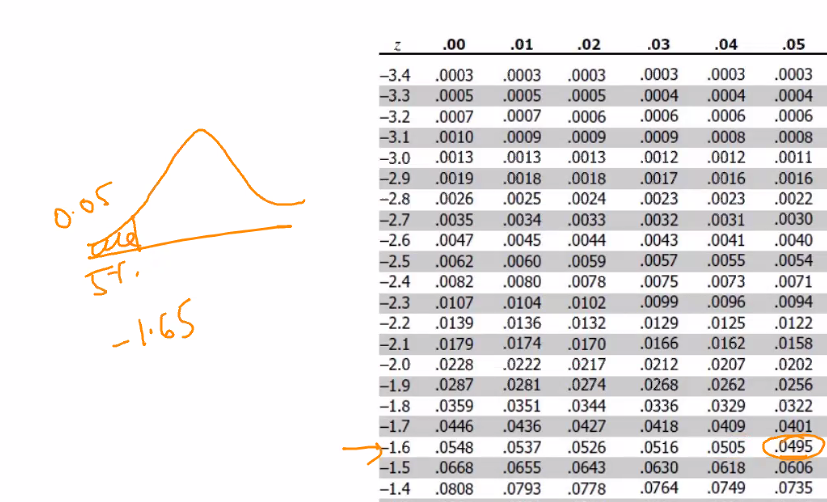


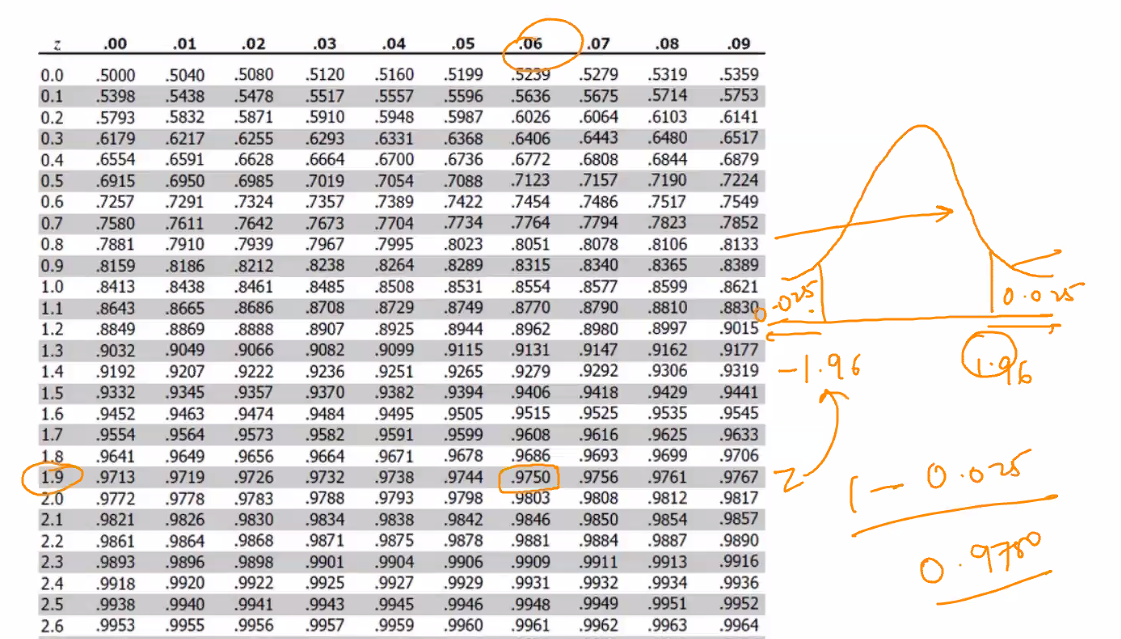


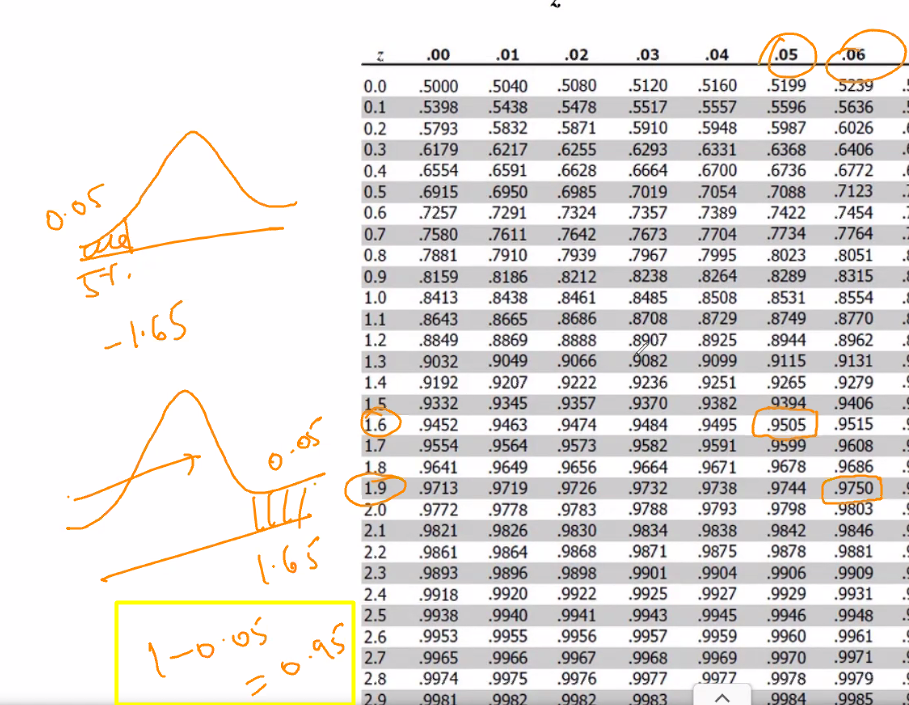




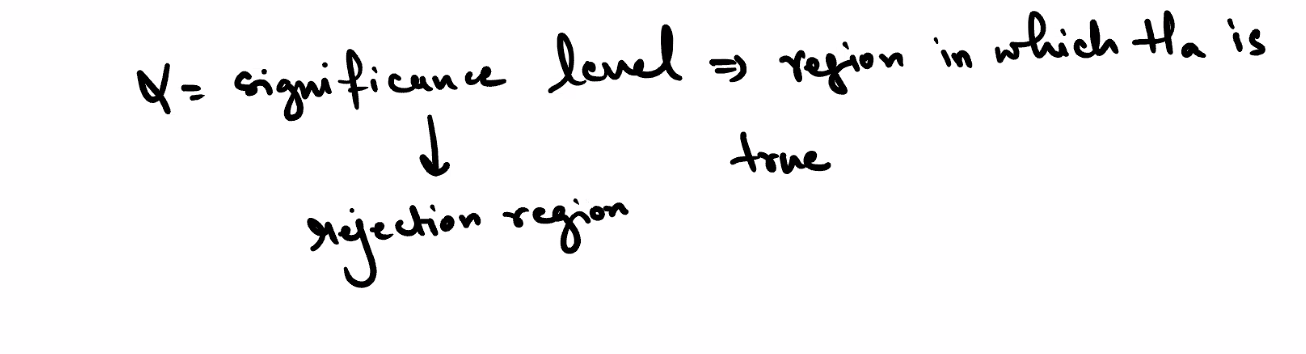


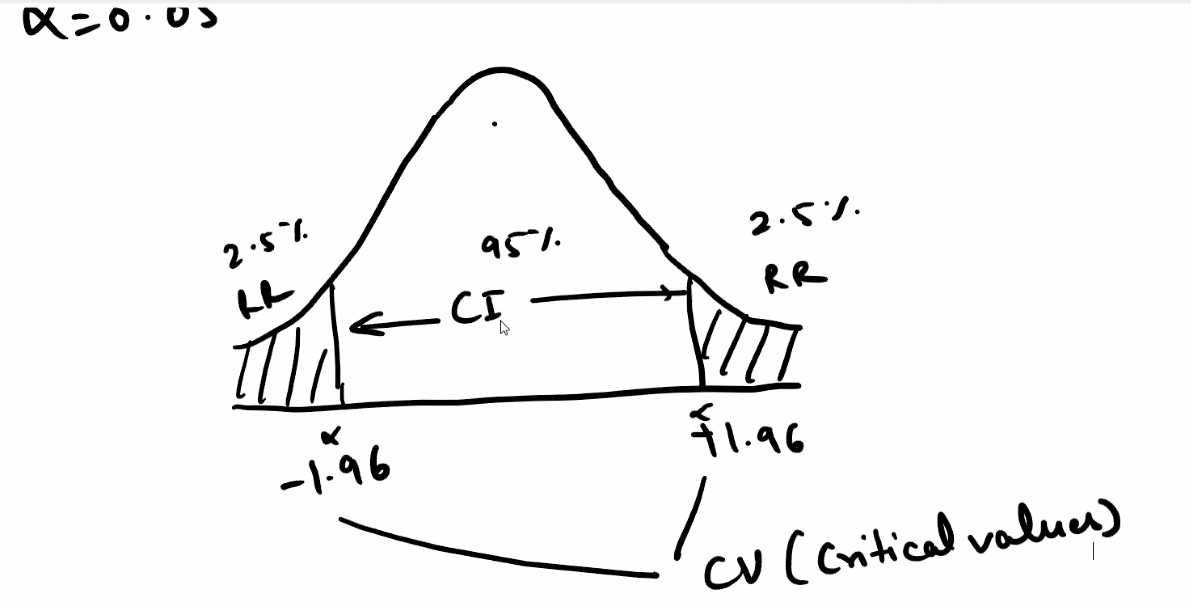




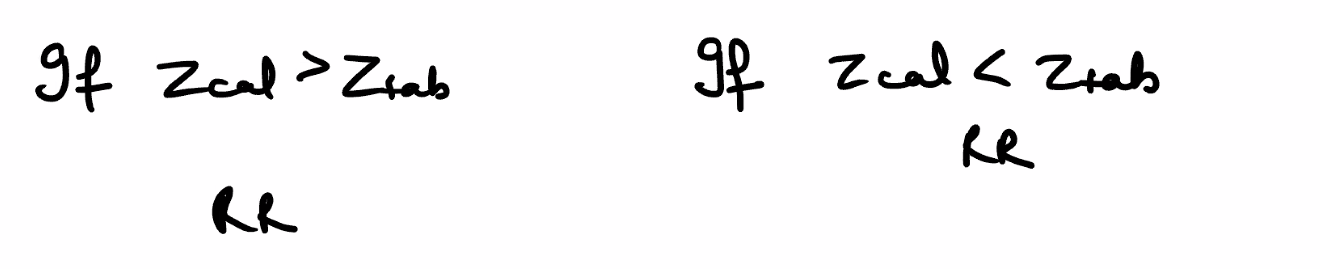


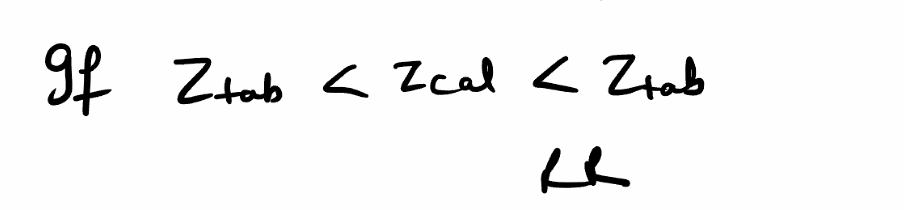






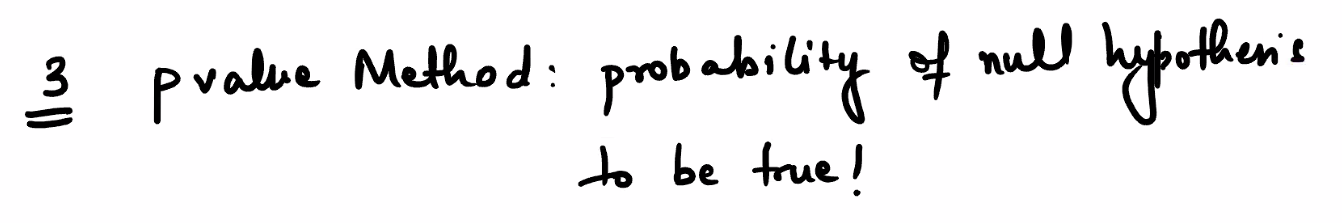


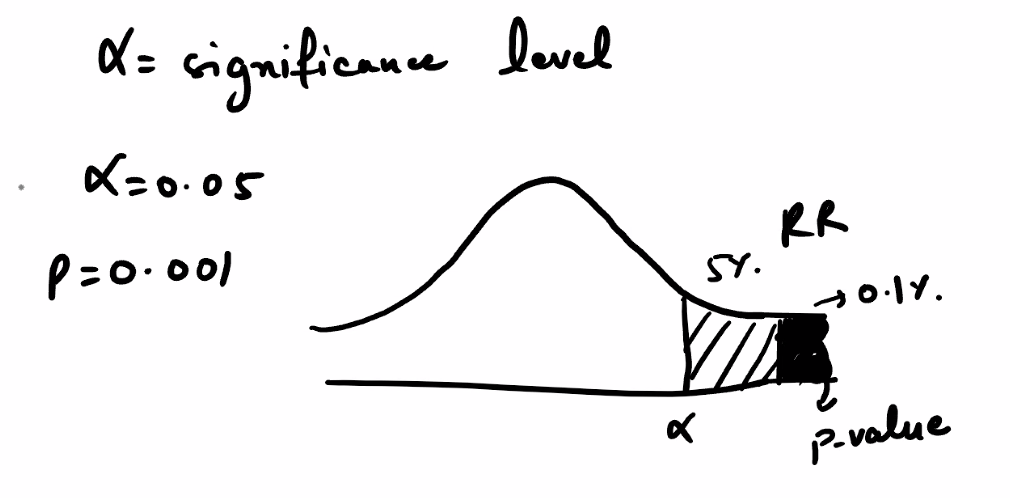


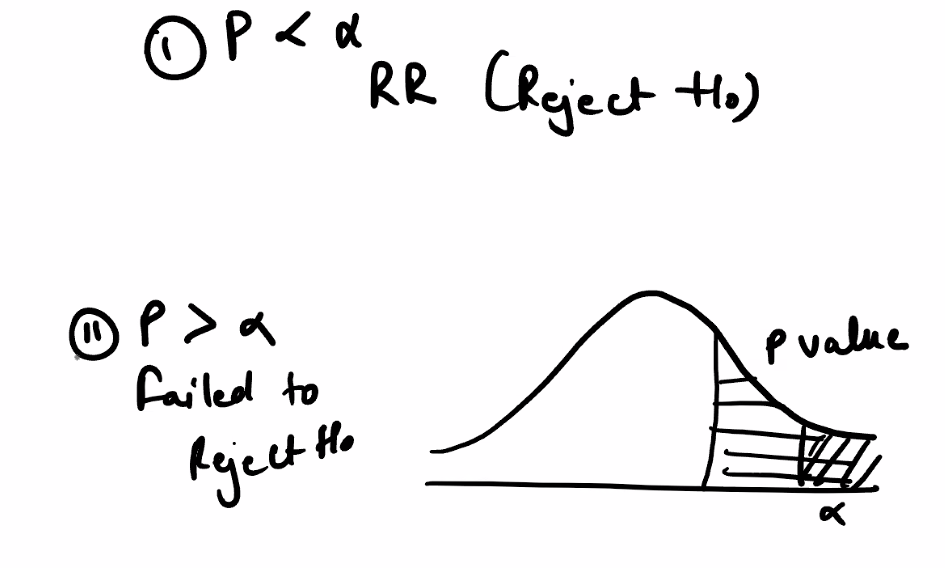


In Critical value we are just seeing the Z score, in acceptance region we are comparing real values.

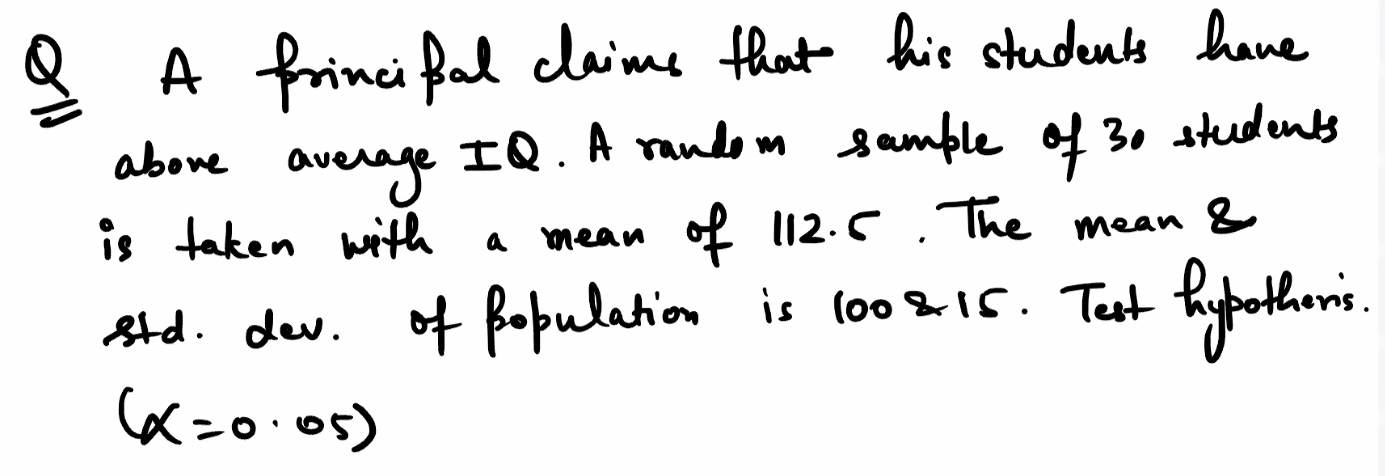


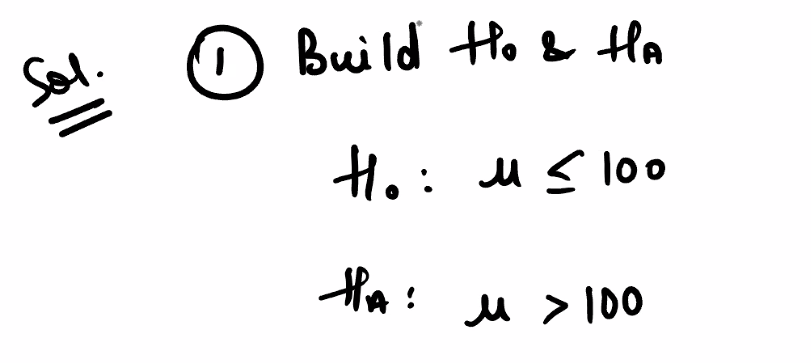


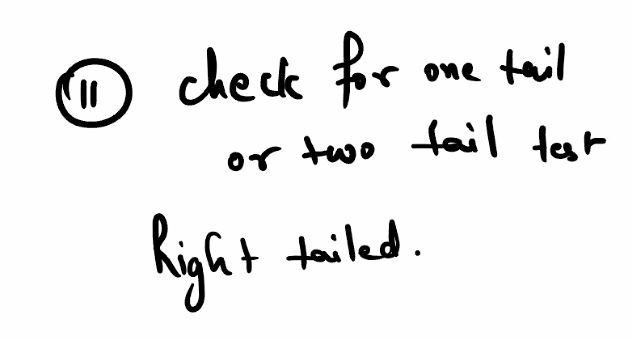


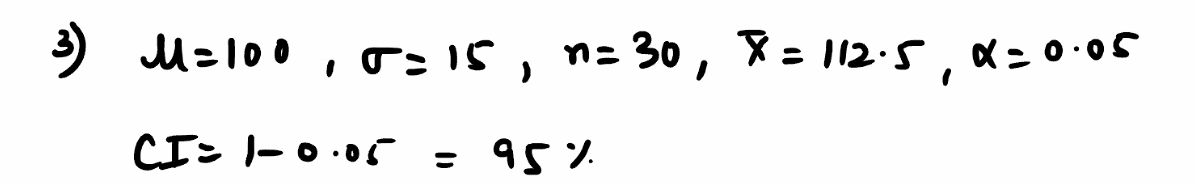


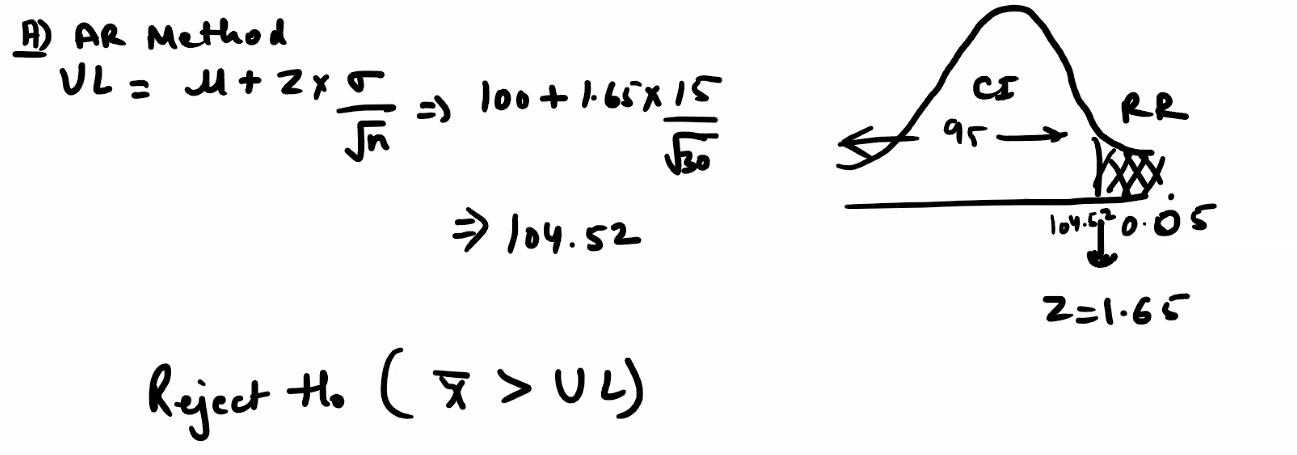
* Exercise :



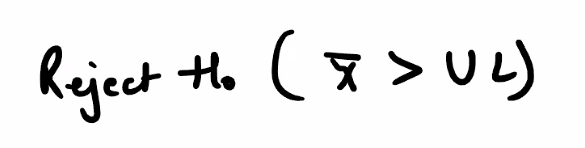


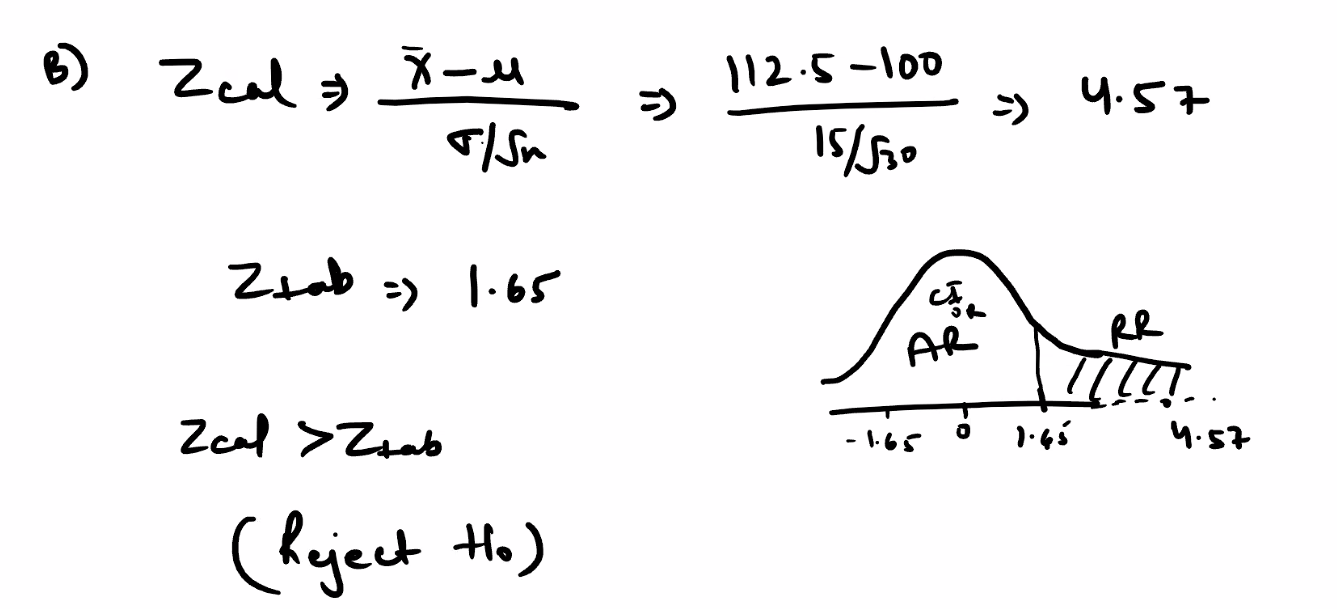




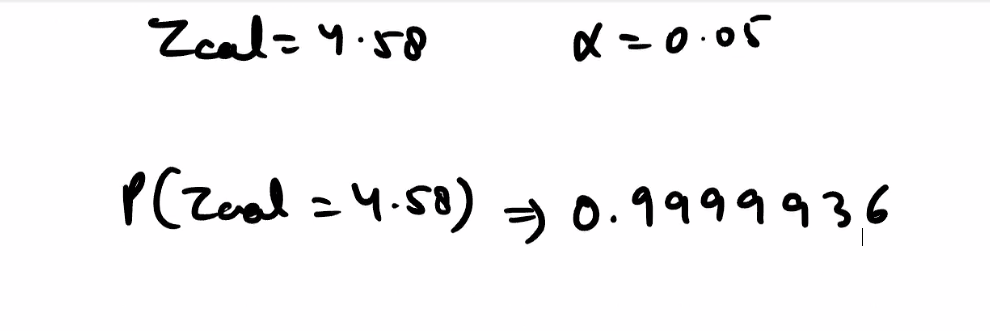


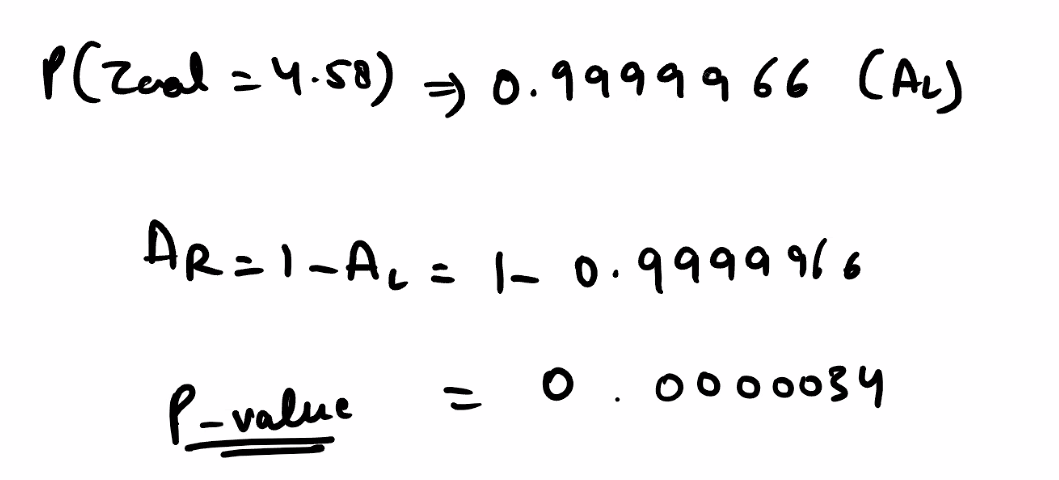
I will reject my Null Hypothesis.

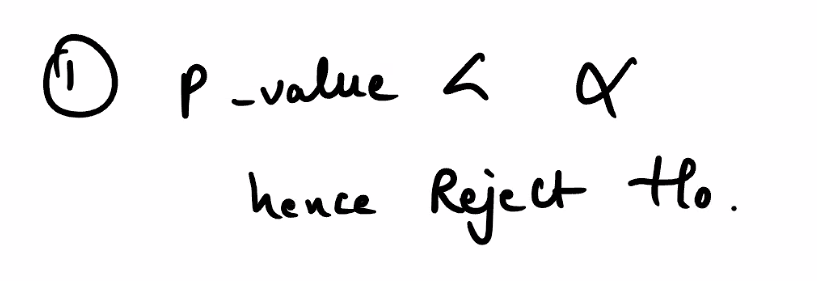




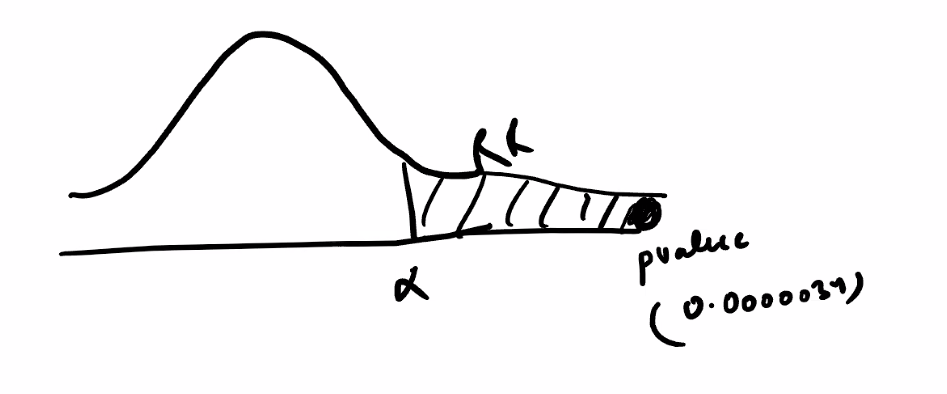
c) P – Value

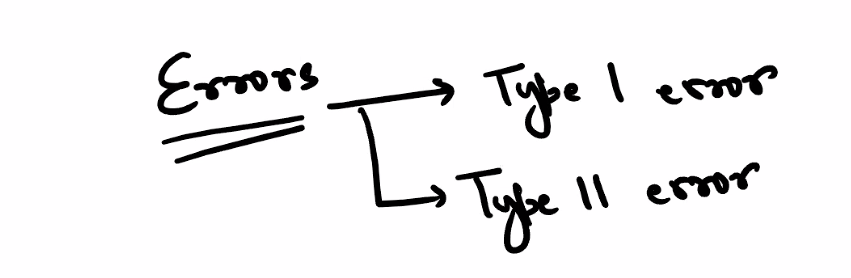


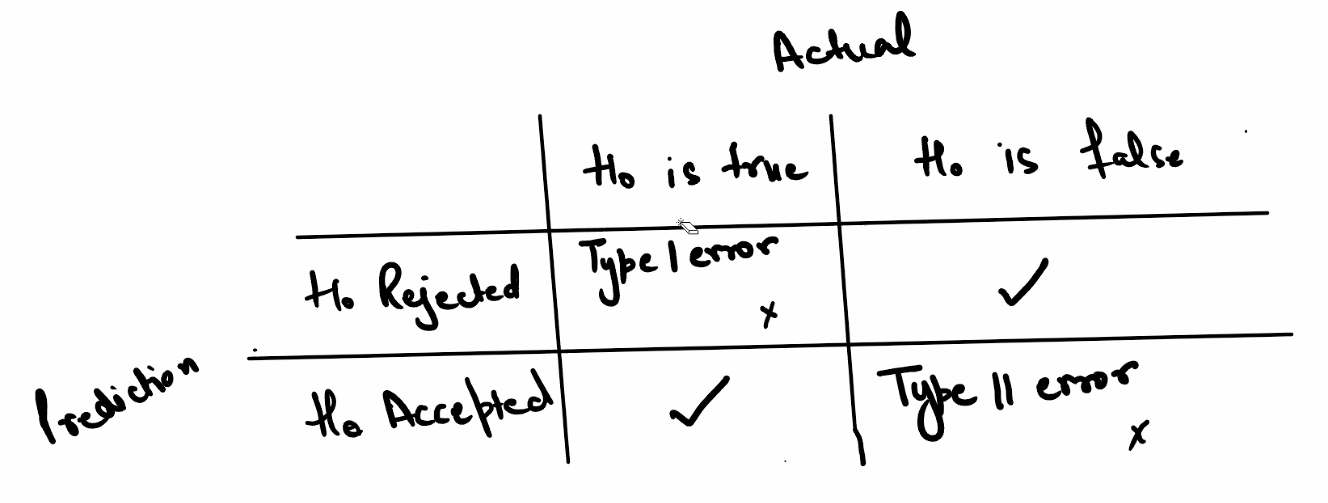


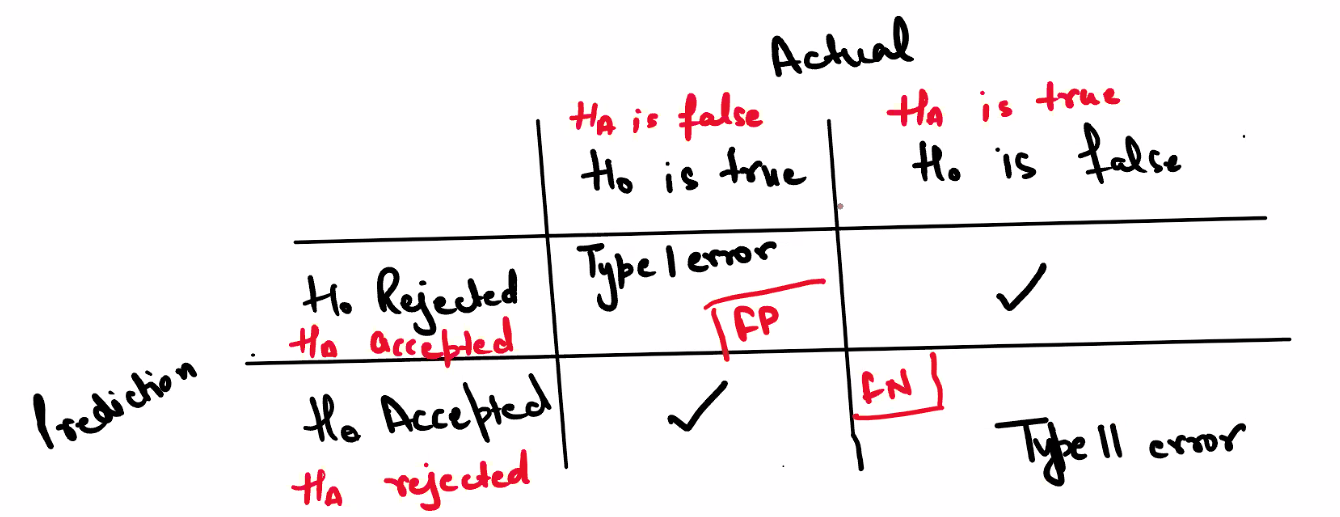


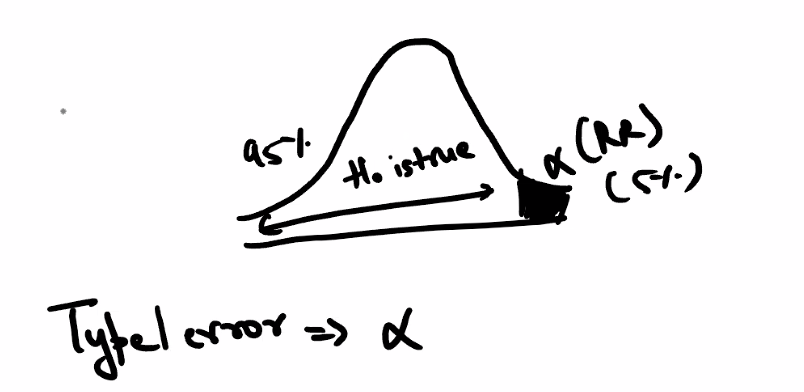
Always go with P-Value method.

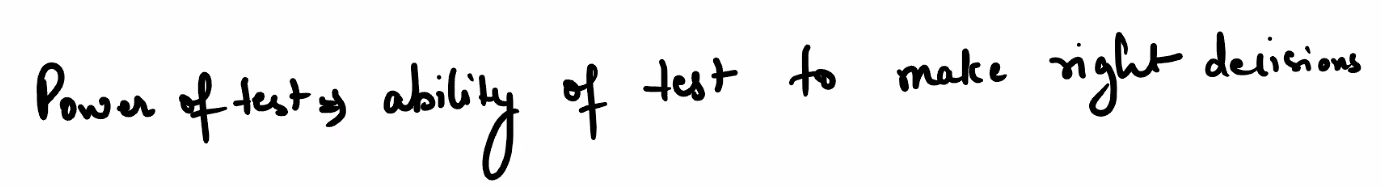


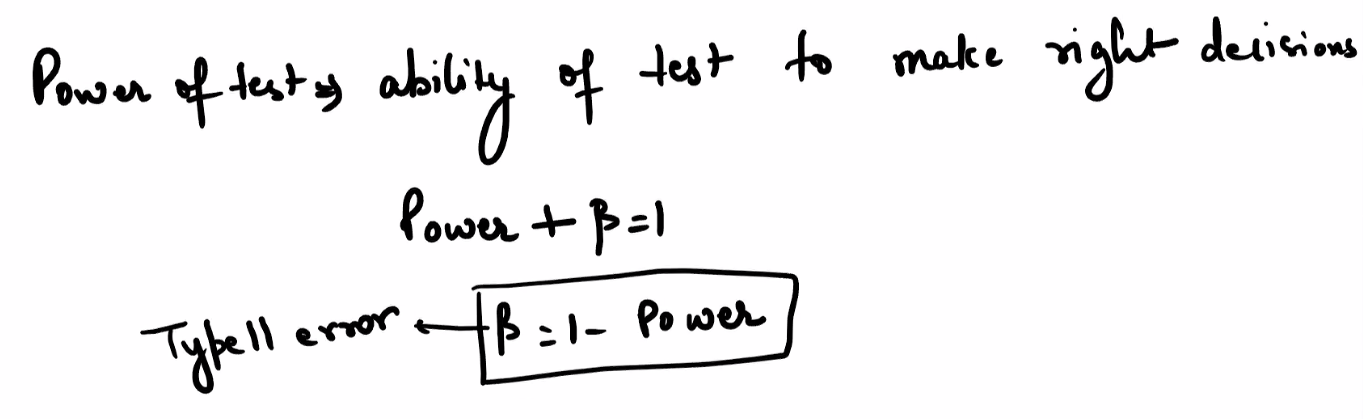


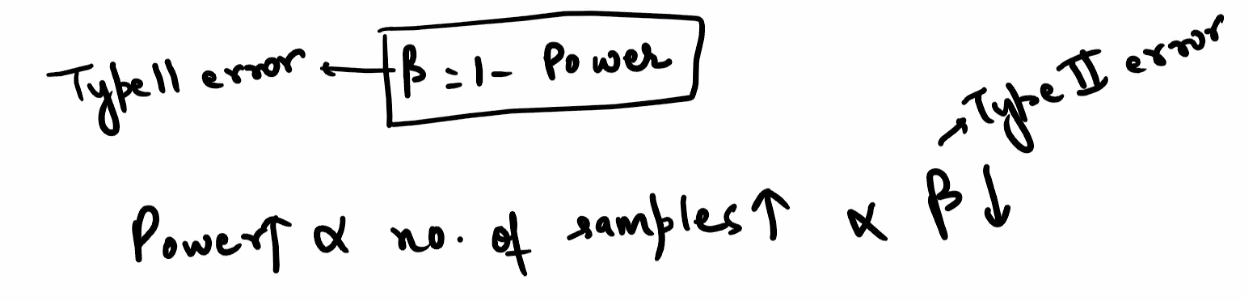


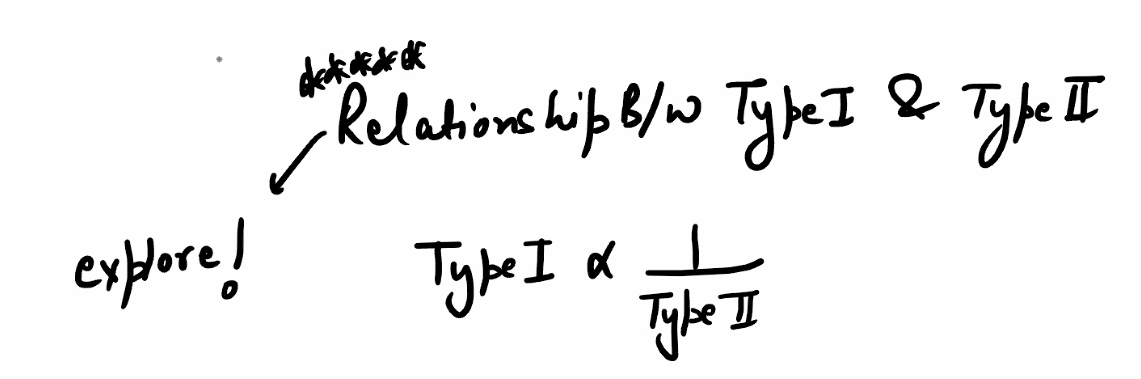






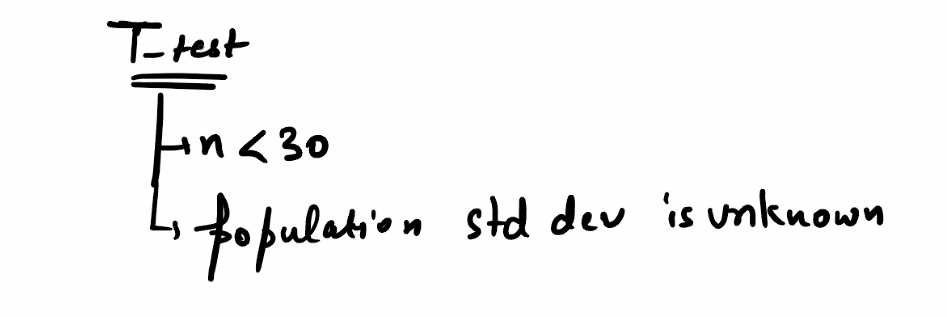


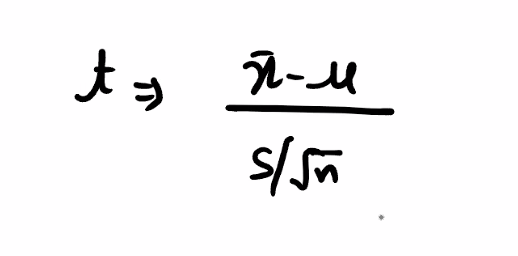


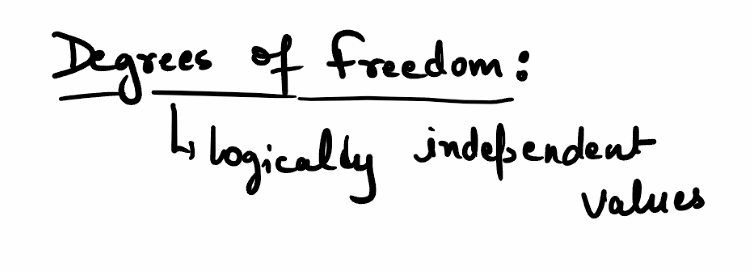


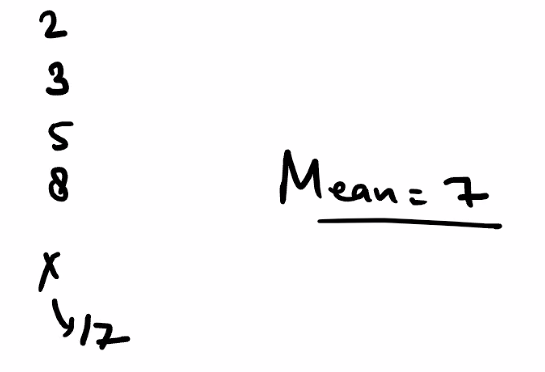
When N = 30, we take Z-test

When N < 30, we take T-test

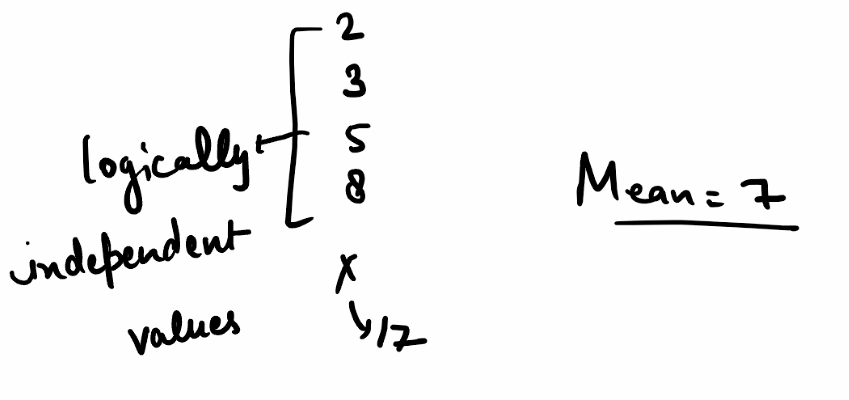




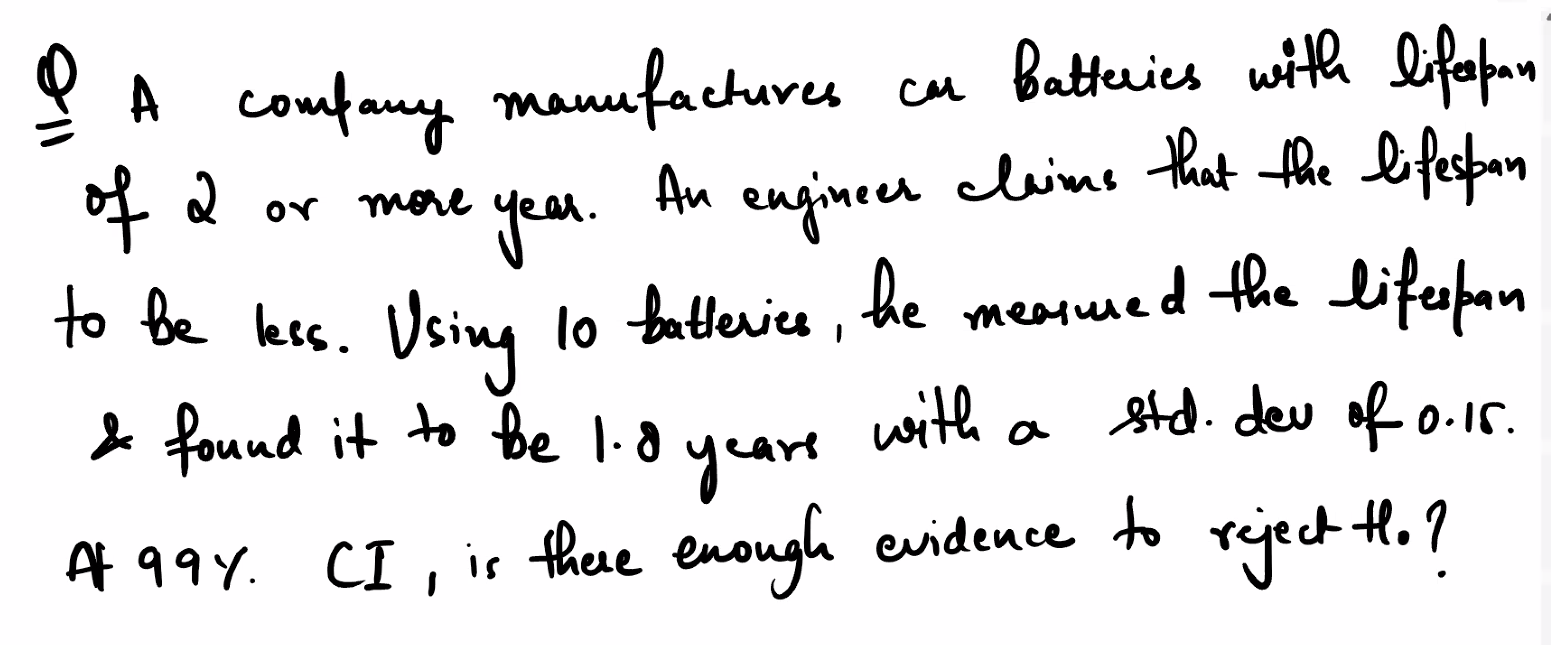




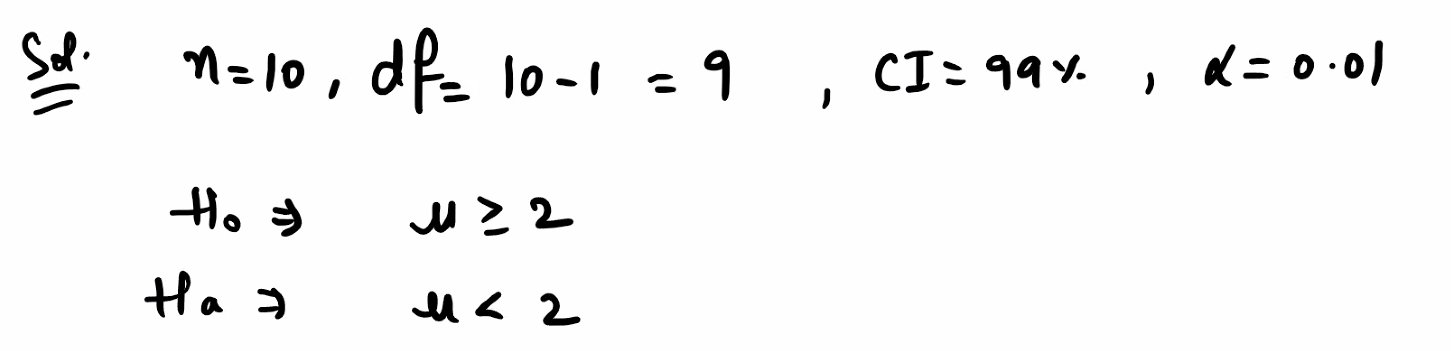
If we change the value of any value, the value of X will also change, provided we keep the mean as same.

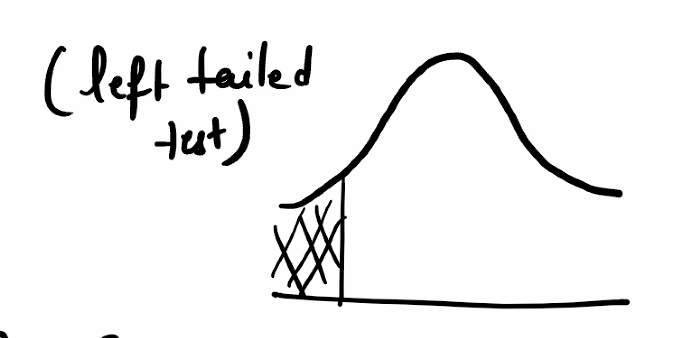


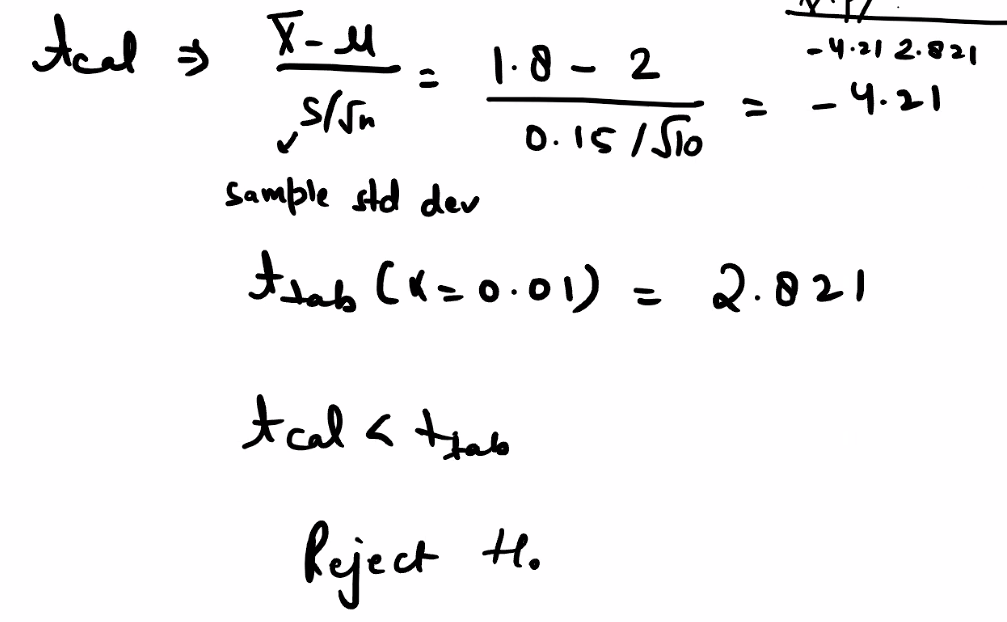


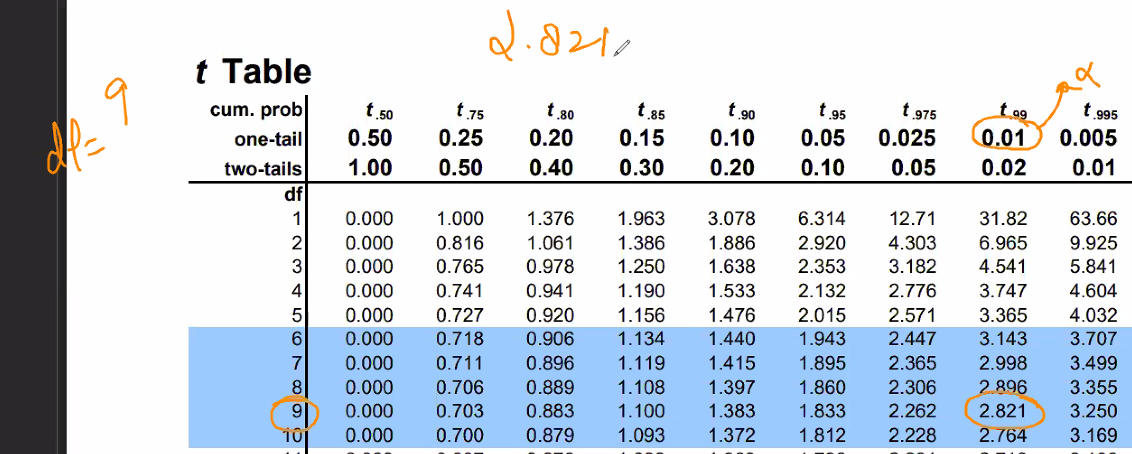


* Here we cannot apply Z-test, we can apply T-test bcoz Z-test can be applied only when n.o of samples “n” is more than 30.









Why it is Left tail test:

