ACD Assignmnet 9.2

1.Calculate the P Value for the test in Problem 2.

> #to calculate p value for the test we use pnorm function

> pnorm(1)

[1] 0.8413447

2. How do you test the proportions and compare against hypothetical props? Test Hypothesis: proportion of automatic cars is 40%.

#ho:p =0.40

#ha: p != 0.40

prop.test(table(mtcars$am)[2], nrow(mtcars), p = 0.4, alternative = "less", conf.level = 0.99, correct = FALSE)