Assignment - 9.2

1. Calculate the p-value for the test in Problem no 2.

```
pnorm(1)
#0.8413447
```

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

```
#we have taken a sample of 210 cars and found 65 cars automatic of all
Ho: p equal to 0.40
Ha: p not equal to 0.40

pval < - prop.test(65,210, p=0.40,alternative = "two.sided",conf.level = 0.95,correct = F)
#pval 0.007444
pval is less than 0.05 so we will reject the null hypo
```