Homework assignment #9 contains problems about comparing two populations. Here are the assigned problems.


For each of the starred exercises, you should solve the problem both with paper/pencil/calculator/t-table as described in the textbook and also in R.

Below is sample R code to solve exercise 7.19.

```r
> caffeine = c(28,11,-3,14,-2,-4,18,2,2)
> decaf = c(26,1,0,-4,14,16,8,0,18,-10)
> t.test(caffeine,decaf,conf.level=0.90)
```

For an exercise like 7.24, you can use R to find accurate p-values using the function `pt` which computes areas to the left under $t$ distributions. This is more accurate than bracketing p-values using a table.

There are 10 problems, so this assignment is worth 50 HW points. Please do additional problems on your own for extra practice if you feel you need to. The homework is due either in lecture or to your TA by 5pm on Thursday.