HW4

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Problem 1

For this problem, we will use the **pups** dataset. Below, we read and clean the data, coverting from 'wide' to 'long' formmat.

```r
#load and clean data
pups = readr::read_csv(file = "FAS_pups.csv") %>%
  clean_names() %>%
  gather(key = pd_outcome, value = days, pd_ears:pd_walk) %>%
  mutate(pd_outcome = str_replace(pd_outcome, 'pd_', ""),
         litter_number = str_replace(litter_number, '#', ''))
```

```
## Parsed with column specification:
## cols(
##   `Litter Number` = col_character(),
##   Sex = col_integer(),
##   `PD ears` = col_integer(),
##   `PD eyes` = col_integer(),
##   `PD pivot` = col_integer(),
##   `PD walk` = col_integer()
## )
```