Warmup: functions and data frames

Group members:

Instructions: Work with a neighbor on the following activity. I will collect the handout at the end of class, and it will be part of your class participation grade. You will be graded only on effort – it is ok if you don't finish all the questions, or get them all correct.

Writing a data frame function

Your friend is trying to write some code, but unfortunately they are encountering some issues. Below is the code they have written, and the error message in R:

```r
library(tidyverse)
library(palmerpenguins)

grouped_max <- function(df, group_var, max_var) {
  df |>
    group_by(group_var) |>
    summarize(max(max_var, na.rm=T))
}

grouped_max(penguins, species, bill_depth_mm)
```

```
Error in `group_by()`:
! Must group by variables found in `.data`.
x Column `group_var` is not found.
```

1. What is the code *trying* to do?

2. What does your friend need to change for the code to work?