Exercise

Write an if-else statement that prints the maximum of two variables, `a` or `b`.

```
a <- 5
b <- 6
```

Use `ifelse` to return the pairwise maximum of two vectors, `v1` and `v2`.

```
v1 <- rnorm(10)
v2 <- rnorm(10)
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```
library(lubridate)
library(qdapTools)

safi <- read.csv("data/SAFI_clean.csv",
                 na = c("", "NULL", "NA"),
                 stringsAsFactors = FALSE)

safi$village <- factor(safi$village)
safi$respondent_wall_type <- factor(trimws(safi$respondent_wall_type))
safi$affect_conflicts <- factor(safi$affect_conflicts, ordered=TRUE,
                                levels=c("never","once","more_once","frequently"))
safi$interview_date <- ymd_hms(safi$interview_date)
safi$memb_assoc <- ifelse(is.na(safi$memb_assoc), NA,
                          ifelse(safi$memb_assoc == "yes", TRUE, FALSE))

month_indicators <- mtabulate(strsplit(safi$months_lack_food, ";"))
month_indicators <- month_indicators[,-10]
names(month_indicators) <- substr(names(month_indicators), 0, 3)
month_indicators <- month_indicators[,month.abb]
safi <- cbind(safi, month_indicators)

safi$months_lack_food_count <- apply(month_indicators, 1, sum)
```