



Exercice

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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# Exercise

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```

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```
v1 <- rnorm(10)  
v2 <- rnorm(10)
```

```
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)
```