VECTOR OPERATIONS

Vector Arithmetic:

- Loops are seldom needed: Most functions work vectorized.

- If vector operations use different-length vectors, the shorter one will be recycled.

- Vector logic is very useful: As indices
  (vectors, data.frames)
  or to replace selected values:

  Data[Data$TASX < 130,] <- NA

  E.g, print each 10 s in sequence:
  a[a %% 10 == 0]

R input and response:

```
## use the data.frame RAFdata in "Ranadu"
## library(Ranadu) -- called earlier
summary(RAFdata$GGALT)
##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##    7215    8011    8820    8657    9417    9426
## Select measurements from altitude > 9000 m
Data9000 <- RAFdata[RAFdata$GGALT > 9000, ]
summary(Data9000$GGALT)
##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##    9001    9327    9419    9354    9423    9426
```