

Solution to Exercise 2

Vectors

1. Create vectors

```
vec1 <- seq(from = 1, to = 10, by = 0.5)
vec1
```

```
## [1] 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0
## [16] 8.5 9.0 9.5 10.0
```

```
vec2 <- rep(c(1, 4, 8, 13), each = 4)
vec2
```

```
## [1] 1 1 1 1 4 4 4 4 8 8 8 8 13 13 13 13
```

2. Combine vectors

Combine the vectors `canton` and `peak` to `peak_canton`.

```
# Create the vectors canton and peak
canton <- c("GR", "TI", "UR", "BE", "VS")
peak <- c("Piz Bernina", "Adula Rheinwaldhorn", "Dammastock",
         "Finsteraarhorn", "Dufourspitze")

# Combine the vectors to peak_canton
peak_canton <- paste(peak, canton, sep = "_")
peak_canton
```

```
## [1] "Piz Bernina_GR"      "Adula Rheinwaldhorn_TI" "Dammastock_UR"
## [4] "Finsteraarhorn_BE"   "Dufourspitze_VS"
```