

Module 2 Assignment 1

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6.

```
## [1] 40
```

7.

```
## [1] 14.44043
```

8.

```
## [1] 3
```

9.

```
## [1] 1 3 5 7
```

10.

```
## [1] NA
```

11.

```
## [1] 64.94737
```

12.

```
## [1] 68 61 70 61 59
```

15.

```
## [1] "cat" "rat" "bat" "hat"
```

17.

```
##   record_id month day year plot_id species_id sex hindfoot_length weight
## 1         1     7  16 1977      2        NL   M             32      NA
## 2         2     7  16 1977      3        NL   M             33      NA
## 3         3     7  16 1977      2        DM   F             37      NA
## 4         4     7  16 1977      7        DM   M             36      NA
## 5         5     7  16 1977      3        DM   M             35      NA
## 6         6     7  16 1977      1        PF   M             14      NA
```

18.

```
## [1] "record_id"      "month"          "day"           "year"
## [5] "plot_id"        "species_id"     "sex"           "hindfoot_length"
## [9] "weight"
```



19.

21 (first 10 rows)

```
##      record_id month day year plot_id species_id sex hindfoot_length weight
## 1           1     7  16 1977      2         NL   M             32      NA
## 2           2     7  16 1977      3         NL   M             33      NA
## 22          22     7  17 1977     15         NL   F             31      NA
## 38          38     7  17 1977     17         NL   M             33      NA
## 72          72     8  19 1977      2         NL   M             31      NA
## 106         106     8  20 1977     12         NL             NA      NA
## 107         107     8  20 1977     18         NL             NA      NA
## 121         121     8  21 1977     15         NL             NA      NA
## 171         171     9  11 1977     12         NL             NA      NA
## 194         194     9  12 1977     11         NL             NA      NA

##      record_id month day year plot_id species_id sex hindfoot_length weight
## 16598        16598    11   4 1989      21         BA   M             13      7
## 16599        16599    11   4 1989      21         BA   M             12      6
## 16854        16854    12   5 1989       3         BA   M             14      8
## 16951        16951     1   7 1990       5         BA   F             13      9
## 17174        17174     2  25 1990       5         BA   M             14      7
```

## 17190	17190	2	25	1990	5	BA	F	14	7
## 17374	17374	4	24	1990	1	BA	M	14	7
## 17486	17486	4	26	1990	3	BA	M	14	7
## 17566	17566	5	25	1990	3	BA	F	14	10
## 17616	17616	6	22	1990	3	BA	F	14	8

22.

[1] 159.2457

[1] 8.6

23.

[1] 43.97035

[1] 2.082394

24.

[1] 27.61165

[1] 24.21388