Practical 1

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Practical 1: test

```
20*10
```

```
## [1] 200
```

Part 3: Importing and Looking at Data

```
Practical1 <- read.csv(file="Data-Practical1.csv", head=TRUE, sep=";")
head(Practical1)
```

```
##   participant age gender profsc
## 1           1  16      1     91
## 2           2  20      2     58
## 3           3  24      1     52
## 4           4  22      2     45
## 5           5  18      1     78
## 6           6  14      2     88
```

```
tail(Practical1)
```

```
##    participant age gender profsc
## 24          24  17      2     74
## 25          25  21      1     70
## 26          26  23      2     51
## 27          27  25      1     59
## 28          28  27      2     33
## 29          29  21      1     68
```

```
head(Practical1, 10)
```

```
##    participant age gender profsc
## 1            1  16      1     91
## 2            2  20      2     58
## 3            3  24      1     52
## 4            4  22      2     45
## 5            5  18      1     78
## 6            6  14      2     88
## 7            7  15      1     90
## 8            8  17      2     86
## 9            9  19      1     83
## 10          10  21      2     62
```

```
class(Practical1)
```

```
## [1] "data.frame"
```

```
names(Practical1)
```

```
## [1] "participant" "age"         "gender"      "profsc"
```

```
str(Practical1)
```

```
## 'data.frame':    29 obs. of  4 variables:
##  $ participant: int  1 2 3 4 5 6 7 8 9 10 ...
##  $ age        : int  16 20 24 22 18 14 15 17 19 21 ...
##  $ gender     : int  1 2 1 2 1 2 1 2 1 2 ...
##  $ profsc     : int  91 58 52 45 78 88 90 86 83 62 ...
```

```
Practical1$gender <- as.factor(Practical1$gender)
Practical1$gender <- factor(Practical1$gender,
levels = c(1,2),
labels = c("Female, Male"))
Practical1$participant <- as.factor(Practical1$participant)
str(Practical1)
```

```
## 'data.frame':    29 obs. of  4 variables:
##  $ participant: Factor w/ 29 levels "1","2","3","4",..: 1 2 3 4 5 6 7 8 9 10
...
##  $ age        : int  16 20 24 22 18 14 15 17 19 21 ...
##  $ gender     : Factor w/ 2 levels "Female, Male1",..: 1 2 1 2 1 2 1 2 1 2
...
##  $ profsc     : int  91 58 52 45 78 88 90 86 83 62 ...
```

```
saveRDS(Practical1, file="Practical1.rds")
write.csv(Practical1, file="Practical1.csv")
```