My Solution

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Initialize DF

```
df <- data.frame(id = integer(), calories = integer())

df
```

```
## [1] id       calories
## <0 rows> (or 0-length row.names)
```

Read in the data

```
lines <- readLines(file('./data/input.txt'), skipNul = FALSE)
```

```
## Warning in readLines(file("./data/input.txt"), skipNul = FALSE): incomplete
## final line found on './data/input.txt'
```

```
elfNum = 1

for (line in lines){
  if (line == ""){
    elfNum = elfNum + 1
  }
  else{
    df[nrow(df) + 1,] = c(elfNum, line)
  }
}

elfNum = 0

df$id <- as.integer(df$id)
df$calories <- as.integer(df$calories)

df
```

```
##    id calories
## 1   1     1000
## 2   1     2000
```

```
## 3   1     3000
## 4   2     4000
## 5   3     5000
## 6   3     6000
## 7   4     7000
## 8   4     8000
## 9   4     9000
## 10  5    10000
```

Aggregate the data

```
df = df %>%
    group_by(id) %>%
    summarise(calories = sum(calories))

df
```

```
## # A tibble: 5 x 2
##      id calories
##   <int>    <int>
## 1     1     6000
## 2     2     4000
## 3     3    11000
## 4     4    24000
## 5     5    10000
```

Print the max

```
df[which.max(df$calories),]
```

```
## # A tibble: 1 x 2
##      id calories
##   <int>    <int>
## 1     4    24000
```