Exercise 1

Your Name

15 Nov 2016

```r
weight <- c(65.8,67.9,75.3,61.9,92.4)
height <- c(192,179,169,175,171)
person <- c("Jo","Sam","Charlie","Frankie","Alex")
names(weight) <- names(height) <- person
```

```r
bmi <- (weight)/((height/100)^2)
bmi
```

```
##       Jo      Sam  Charlie  Frankie     Alex
## 17.84939 21.19160 26.36462 20.21224 31.59947
```

```r
bmi.sorted <- sort(bmi)
bmi.sorted[4] - bmi.sorted[2]
```

```
##  Charlie
## 6.152378
```

```r
IQR(bmi)
```

```
## [1] 6.152378
```