

HW 1

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```
height = c(59, 60, 61, 58, 67, 72, 70)
weight = c(150, 140, 180, 220, 160, 140, 130)

a = 150

# step 1
# 1
mean(height)

## [1] 63.85714

# 2
mean(weight)

## [1] 160

# 3
length(height)

## [1] 7

length(weight)

## [1] 7

# 4
sum(height)

## [1] 447

# 5
sum(height)/length(height)

## [1] 63.85714

sum(weight)/length(height)

## [1] 160

# step 2
# 6
maxH = max(height)
# 7
minW = min(weight)

# step 3
# 8
newWeight = weight + 5
# 9
newWeight/height

## [1] 2.627119 2.416667 3.032787 3.879310 2.462687 2.013889 1.928571
```

```
# step 4
# 10
if (maxH > 60) {
  print('Yes')
}else{
  print('No')
}
```

```
## [1] "Yes"
```

```
#11
if (minW > a) {
  print('Yes')
}else{
  print('No')
}
```

```
## [1] "No"
```