

```
IT24100524_PS_Lab 02.R* x
Source on Save Run
1 ## 1 Question
2 x <- c(1, 2, 3)
3 x[1] / x[2]^3 - 1 + 2 * x[3] - x[2 - 1]
4
5 ## 2 Question
6 sum((1:15) %% 3 == 0)
7
8 ## 3 Question
9 vec <- c(3, 9, 2, 7, 5, 11, 4)
10
11 max_value <- -Inf
12 max_index <- 0
13
14 for (i in 1:length(vec)) {
15   if (vec[i] > max_value) {
16     max_value <- vec[i]
17     max_index <- i
18   }
19 }
20
21 max_index
22
23 ## 4 Question
24 vec <- c(3, 9, 2, 7, 5, 11, 4)
25
26 which.max(vec)
27 |
```

27:1 (Top Level) R Script

```
> ## 1 Question
> x <- c(1, 2, 3)
> x[1] / x[2]^3 - 1 + 2 * x[3] - x[2 - 1]
[1] 4.125
> ## 2 Question
> sum((1:15) %% 3 == 0)
[1] 5
> ## 3 Question
> vec <- c(3, 9, 2, 7, 5, 11, 4)
> max_value <- -Inf
> max_index <- 0
> for (i in 1:length(vec)) {
+   if (vec[i] > max_value) {
+     max_value <- vec[i]
+     max_index <- i
+   }
+ }
> max_index
[1] 6
> ## 4 Question
> vec <- c(3, 9, 2, 7, 5, 11, 4)
> which.max(vec)
[1] 6
> |
```