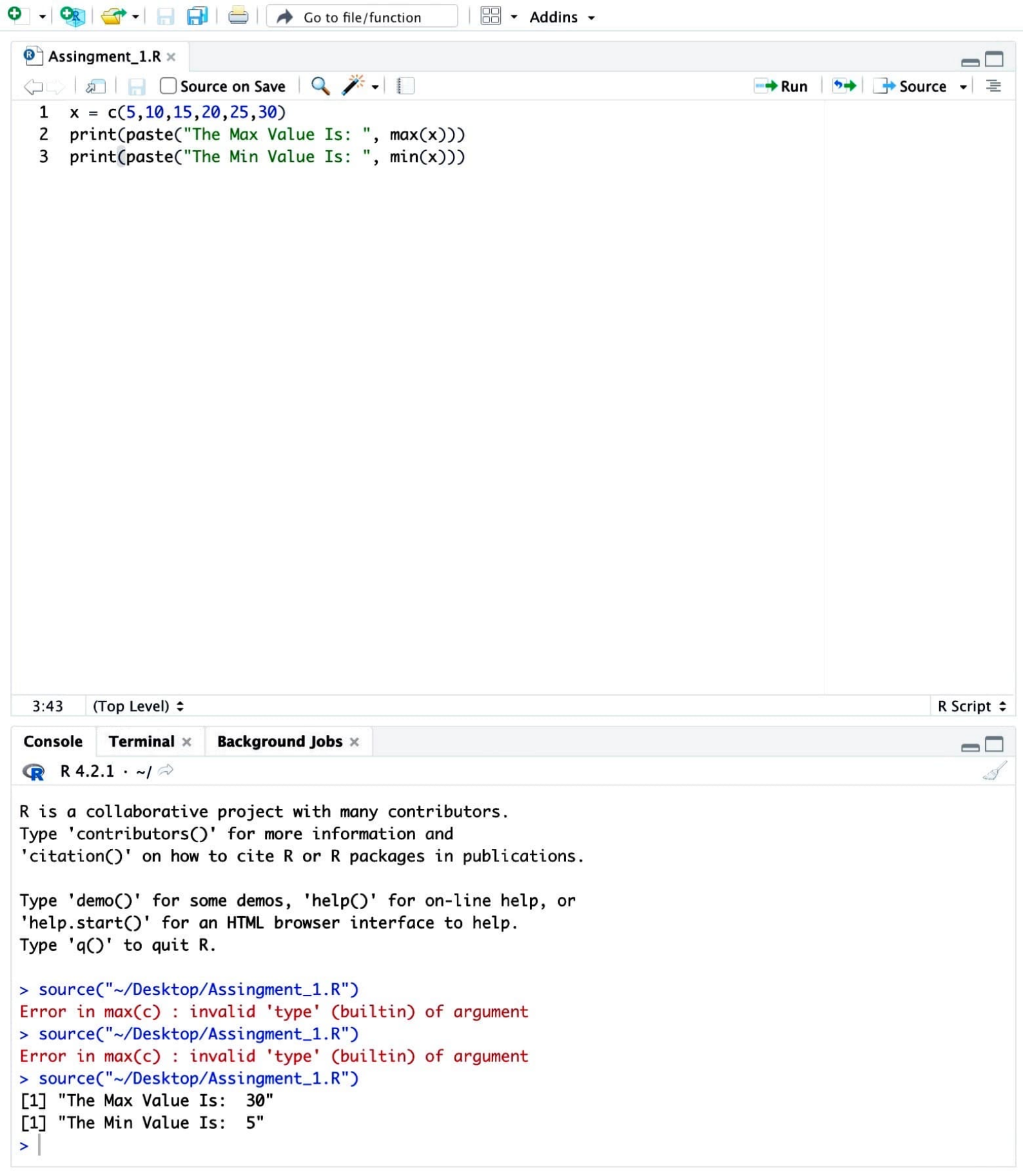
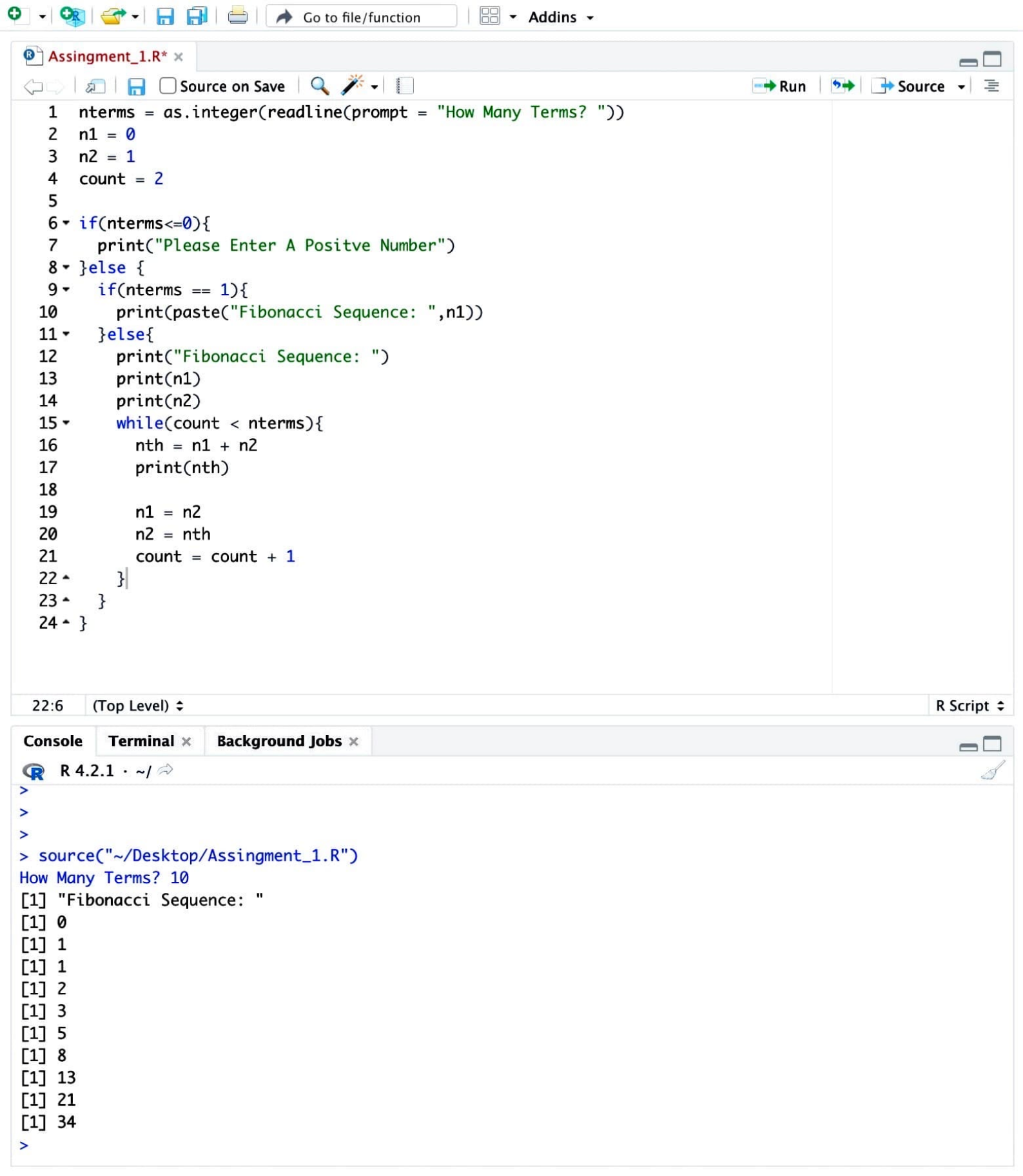

Go to file/function
Addins
Assingment_1.R
Source on Save
Run
Source
1 x = c(5,10,15,20,25,30)
2 print(paste("The Max Value Is: ", max(x)))
3 print(paste("The Min Value Is: ", min(x)))
3:43
(Top Level)
R Script
Console
Terminal
Background Jobs
R 4.2.1 · ~/
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.
Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
> source("~/Desktop/Assingment_1.R")
Error in max(c) : invalid 'type' (builtin) of argument
> source("~/Desktop/Assingment_1.R")
Error in max(c) : invalid 'type' (builtin) of argument
> source("~/Desktop/Assingment_1.R")
[1] "The Max Value Is: 30"
[1] "The Min Value Is: 5"
>


Go to file/function
Addins
Assingment_1.R
Source on Save
Run
Source
num = as.integer(readline(prompt = "Enter A Number: "))
factorial = 1
if (num < 0){
print("Value Given Is Negative")
} else if (num == 0){
print("Factorial = 1")
}else{
for (i in 1:num){
factorial = i * factorial
}
}
print(paste("The Factorial For ", num , " Is ", factorial))
12:60
(Top Level)
R Script
Console
Terminal
Background Jobs
R 4.2.1 · ~/
> source("~/Desktop/Assingment_1.R")
Enter A Number: 5
[1] "The Factorial For 5 Is 120"


Go to file/function
Addins
Assingment_1.R*
Source on Save
Run
Source
1 nterms = as.integer(readline(prompt = "How Many Terms? "))
2 n1 = 0
3 n2 = 1
4 count = 2
5
6 if(nterms<=0){
7 print("Please Enter A Positve Number")
8 }else {
9 if(nterms == 1){
10 print(paste("Fibonacci Sequence: ",n1))
11 }else{
12 print("Fibonacci Sequence: ")
13 print(n1)
14 print(n2)
15 while(count < nterms){
16 nth = n1 + n2
17 print(nth)
18
19 n1 = n2
20 n2 = nth
21 count = count + 1
22 }
23 }
24 }
22:6
(Top Level)
R Script
Console
Terminal
Background Jobs
R 4.2.1 · ~/
> source("~/Desktop/Assingment_1.R")
How Many Terms? 10
[1] "Fibonacci Sequence: "
[1] 0
[1] 1
[1] 1
[1] 2
[1] 3
[1] 5
[1] 8
[1] 13
[1] 21
[1] 34

Go to file/function Addins

Assingment_1.R

Source on Save Run Source

```r
a = as.integer(readline(prompt = "Enter Number One: "))
b = as.integer(readline(prompt = "Enter Number Two: "))

operation = readline(prompt = "Enter The Operation: ")

result = switch(operation,
                "a"= cat("Addition = ", a + b),
                "d"= cat("Subtraction = ", a - b),
                "r"= cat("Division = ", a / b),
                "s"= cat("Multiplication = ", a*b),
                "m"= cat("Modulus = ", a%%b),
                "p"= cat("Power =", a ** b)
                )
print(result)
```

18:1 (Top Level) R Script

Console Terminal Background Jobs

R 4.2.1 · ~/

```
> source("~/Desktop/Assingment_1.R")
Enter Number One: 2
Enter Number Two: 5
Enter The Operation: p
Power = 32NULL
>
```

Go to file/function | Addins | Project: (None)

Assingment_1.R

Source on Save | Run | Source

```
1  plot(1:10, cex=2)
```

1:18 (Top Level) R Script

Environment | History | Connections | Tutorial

Import Dataset | 75 MiB | List

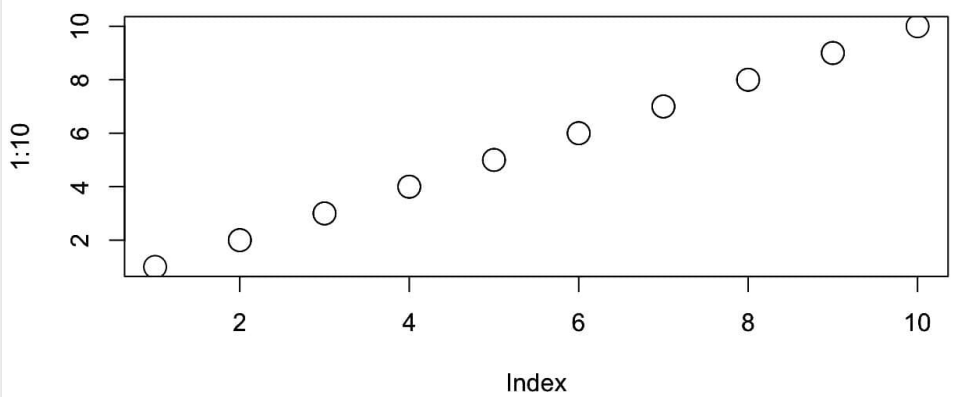
R | Global Environment

Values

a	2L
b	5L
operation	"p"
result	NULL
x	num [1:5] 1 2 3 4 5
y	num [1:5] 3 7 8 9 12

Files | Plots | Packages | Help | Viewer | Presentation

Zoom | Export | Publish



Console | Terminal | Background Jobs

R 4.2.1 · ~/

```
> source("~/Desktop/Assingment_1.R")
> source("~/Desktop/Assingment_1.R")
> source("~/Desktop/Assingment_1.R")
>
```

Assingment_1.R

```
1  plot(1:10, type="l")
```

1:21 (Top Level) R Script

Environment | History | Connections | Tutorial

Import Dataset | 73 MiB | List

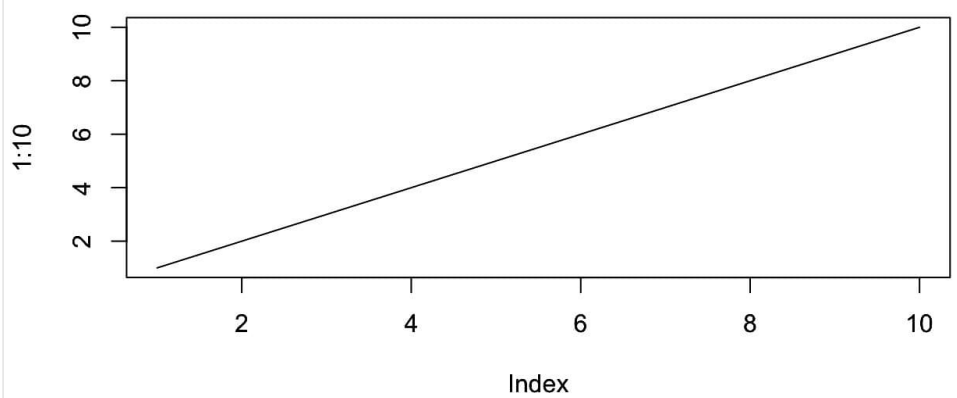
R | Global Environment

Values

a	2L
b	5L
operation	"p"
result	NULL
x	num [1:5] 1 2 3 4 5
y	num [1:5] 3 7 8 9 12

Files | Plots | Packages | Help | Viewer | Presentation

Zoom | Export | Publish



Console | Terminal | Background Jobs

R 4.2.1 · ~/

```
> source("~/Desktop/Assingment_1.R")
> source("~/Desktop/Assingment_1.R")
>
```

Assingment_1.R

```
1  x <- c(1, 2, 3, 4, 5)
2  y <- c(3, 7, 8, 9, 12)
3
4  plot(x, y)
```

4:11 (Top Level) R Script

Environment | History | Connections | Tutorial

Import Dataset | 72 MiB | List

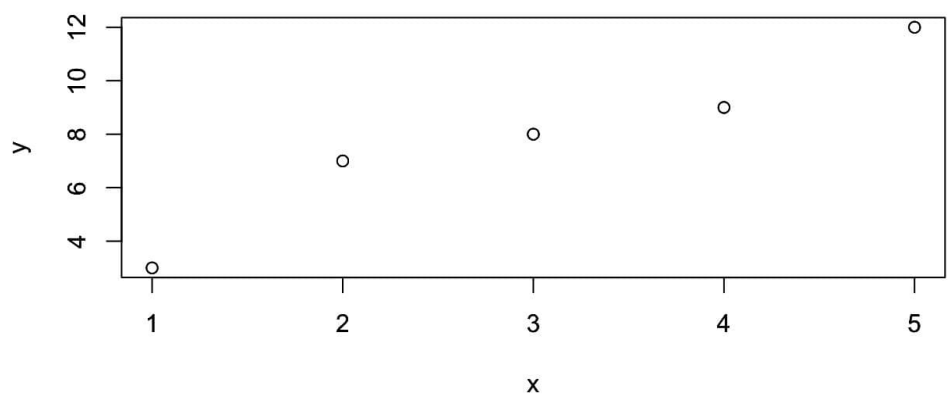
R | Global Environment

Values

a	2L
b	5L
operation	"p"
result	NULL
x	num [1:5] 1 2 3 4 5
y	num [1:5] 3 7 8 9 12

Files | Plots | Packages | Help | Viewer | Presentation

Zoom | Export | Publish



Console | Terminal | Background Jobs

R 4.2.1 · ~/

```
> source("~/Desktop/Assingment_1.R")
>
```