RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function | Addins

rprog.R*

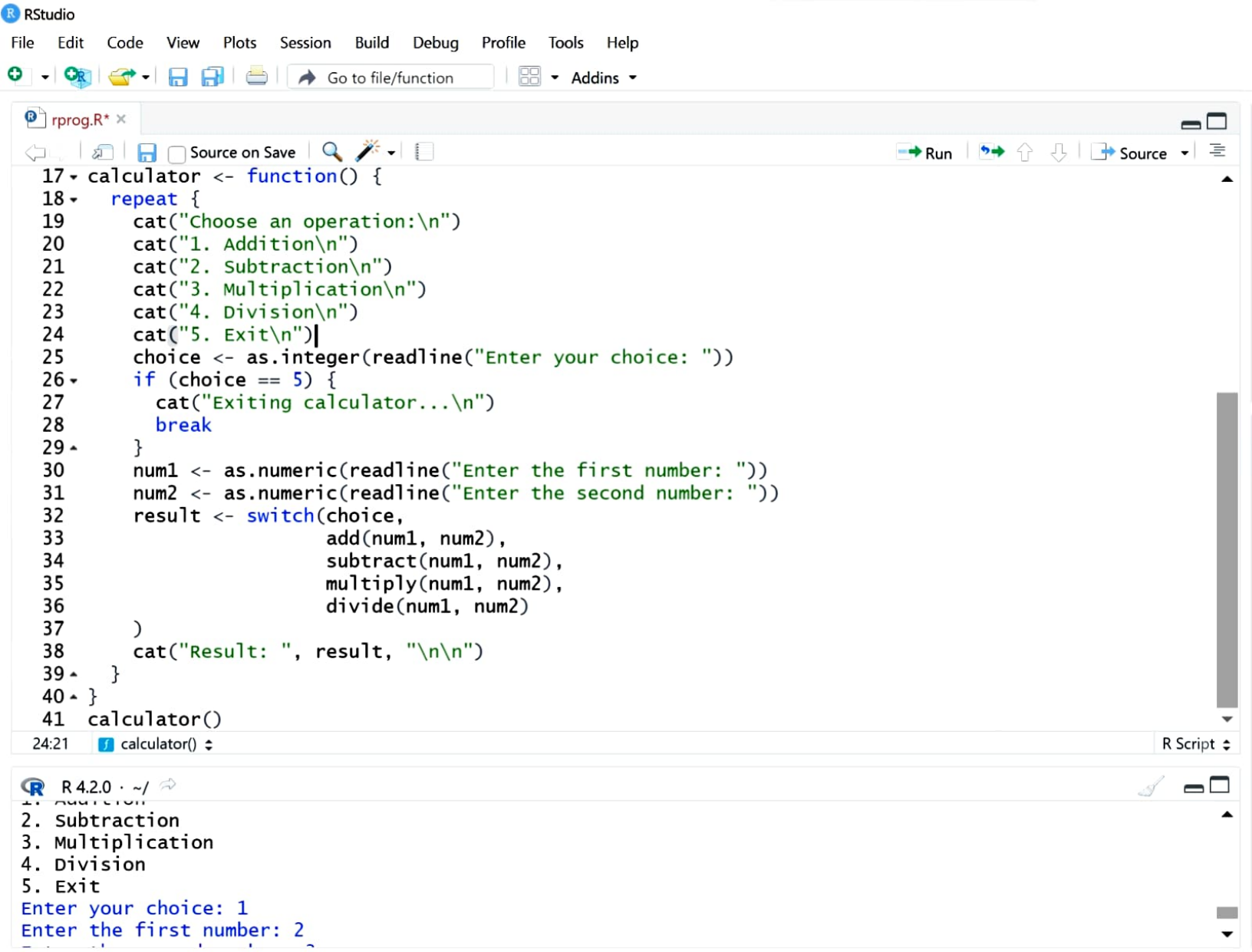
Source on Save | Run | Source

```r
add <- function(a, b) {
  return(a + b)
}
subtract <- function(a, b) {
  return(a - b)
}
multiply <- function(a, b) {
  return(a * b)
}
divide <- function(a, b) {
  if (b != 0) {
    return(a / b)
  } else {
    return("Error: Division by zero is not allowed.")
  }
}
calculator <- function() {
  repeat {
    cat("Choose an operation:\n")
    cat("1. Addition\n")
    cat("2. Subtraction\n")
    cat("3. Multiplication\n")
    cat("4. Division\n")
    cat("5. Exit\n")
    choice <- as.integer(readline("Enter your choice: "))
```

24:21 | calculator() | R Script

R 4.2.0 · ~/

```
2. Subtraction
3. Multiplication
4. Division
5. Exit
Enter your choice: 1
Enter the first number: 2
```


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
rprog.R*
Source on Save
Run
Source
17 calculator <- function() {
18 repeat {
19 cat("Choose an operation:\n")
20 cat("1. Addition\n")
21 cat("2. Subtraction\n")
22 cat("3. Multiplication\n")
23 cat("4. Division\n")
24 cat("5. Exit\n")
25 choice <- as.integer(readline("Enter your choice: "))
26 if (choice == 5) {
27 cat("Exiting calculator...\n")
28 break
29 }
30 num1 <- as.numeric(readline("Enter the first number: "))
31 num2 <- as.numeric(readline("Enter the second number: "))
32 result <- switch(choice,
33 add(num1, num2),
34 subtract(num1, num2),
35 multiply(num1, num2),
36 divide(num1, num2)
37)
38 cat("Result: ", result, "\n\n")
39 }
40 }
41 calculator()
24:21
calculator()
R Script
R 4.2.0 · ~/
2. Subtraction
3. Multiplication
4. Division
5. Exit
Enter your choice: 1
Enter the first number: 2

```
+                       add(num1, num2),
+                       subtract(num1, num2),
+                       multiply(num1, num2),
+                       divide(num1, num2)
+     )
+     cat("Result: ", result, "\n\n")
+   }
+ }
> calculator()
Choose an operation:
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Exit
Enter your choice: 1
Enter the first number: 2
Enter the second number: 3
Result:  5
```