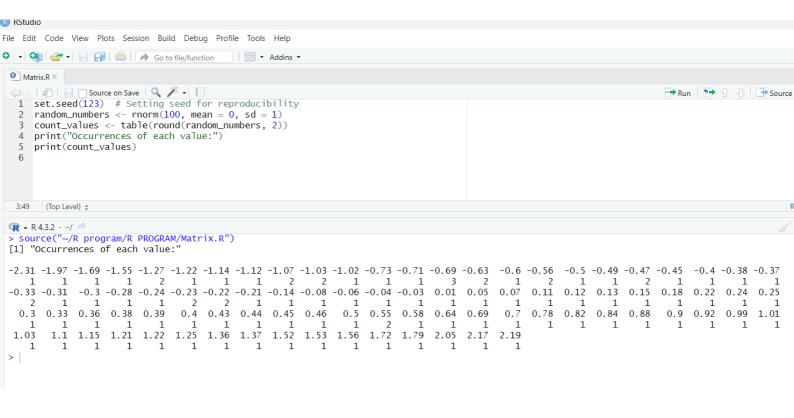
```
RStudio
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■ Addins T
    NameGender.R × Dept. EvenNum.R × Dept. Additional Msg.R × Dept.R ×
                                                            EvenOdd.R ×
  string <- "hello world"
   1
      vector \leftarrow c(1, 2, 2, 3, 3, 3, 4, 5)
   2
      unique_string <- unique(strsplit(string, NULL)[[1]])</pre>
   3
      unique_vector <- unique(vector)</pre>
   4
      print("Unique elements of the string:")
   5
      print(unique_string)
   6
   7
      print("Unique numbers in the vector:")
   8
      print(unique_vector)
   9
        (Top Level) $
   6:21
 > source("~/R program/R PROGRAM/Uniqueele.R")
 [1] "Unique elements of the string:"
[1] "h" "e" "]" "o" " "w" "r" "d"
 [1] "Unique numbers in the vector:"
 [1] 1 2 3 4 5
 > |
```

```
RStudio
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O - Go to file/function
                                        Addins -
 1 a < -c(1, 4, 7)
   2 b < -c(2, 5, 8)
   3 c < -c(3, 6, 9)
   4 matrix_data <- cbind(a, b, c)
   5 print("3x3 Matrix:")
   6 print(matrix_data)
   7
      (Top Level) $
   5:1
 Q → R 4.3.2 · ~/ 🕪
 > source("~/R program/R PROGRAM/Matrix.R")
 [1] "3x3 Matrix:"
     a b c
 [1,] 1 2 3
 [2,] 4 5 6
 [3,] 7 8 9
 >
```



```
RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
◆ Go to file/function
 Matrix.R ×

↓□□ | □□ | □ Source on Save | □□ | ▼ ▼ | □□
       numeric_data <- c(1, 2, 3, 4, 5)
       character_data <- c("apple", "banana", "cherry")</pre>
    2
       logical_data <- c(TRUE, FALSE, TRUE, FALSE)</pre>
    3
       print("Content and type of numeric_data:")
    4
    5
       print(numeric_data)
       print(class(numeric_data))
    6
       print("Content and type of character_data:")
    7
       print(character_data)
    8
       print(class(character_data))
    9
       print("Content and type of logical_data:")
   10
       print(logical_data)
   11
       print(class(logical_data))
   12
   13
  9:29
       (Top Level) $
 > source("~/R program/R PROGRAM/Matrix.R")
 [1] "Content and type of numeric_data:"
 [1] 1 2 3 4 5
 [1]
    "numeric"
     "Content and type of character_data:"
 [1]
    "apple" "banana" "cherry"
 [1]
 [1] "character"
 [1]
     "Content and type of logical_data:"
 [1]
     TRUE FALSE TRUE FALSE
 [1] "logical"
 > |
```