NameGender.R ×   EvenNum.R ×   AdditionalMsg.R ×   Temp.R ×   EvenOdd.R ×

Source on Save

```r
1  string <- "hello world"
2  vector <- c(1, 2, 2, 3, 3, 3, 4, 5)
3  unique_string <- unique(strsplit(string, NULL)[[1]])
4  unique_vector <- unique(vector)
5  print("Unique elements of the string:")
6  print(unique_string)
7  print("Unique numbers in the vector:")
8  print(unique_vector)
9
```

6:21   (Top Level)

R 4.3.2 · ~/

```r
> source("~/R program/R PROGRAM/Uniqueele.R")
[1] "Unique elements of the string:"
[1] "h" "e" "l" "o" " " "w" "r" "d"
[1] "Unique numbers in the vector:"
[1] 1 2 3 4 5
>
```

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Matrix.R ×

Source on Save

```r
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
```

5:1   (Top Level)

R ▾ 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
>
```

Matrix.R

Source on Save   Run   Source

```r
1  set.seed(123)  # Setting seed for reproducibility
2  random_numbers <- rnorm(100, mean = 0, sd = 1)
3  count_values <- table(round(random_numbers, 2))
4  print("Occurrences of each value:")
5  print(count_values)
6
```

3:49   (Top Level)

R 4.3.2 · ~/

```
> source("~/R program/R PROGRAM/Matrix.R")
[1] "Occurrences of each value:"

-2.31 -1.97 -1.69 -1.55 -1.27 -1.22 -1.14 -1.12 -1.07 -1.03 -1.02 -0.73 -0.71 -0.69 -0.63  -0.6 -0.56  -0.5 -0.49 -0.47 -0.45  -0.4 -0.38 -0.37
    1     1     1     1     2     1     1     1     2     2     1     1     1     3     2     1     2     1     1     2     1     1     1     1
-0.33 -0.31  -0.3 -0.28 -0.24 -0.23 -0.22 -0.21 -0.14 -0.08 -0.06 -0.04 -0.03  0.01  0.05  0.07  0.11  0.12  0.13  0.15  0.18  0.22  0.24  0.25
    2     1     1     2     2     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1
  0.3  0.33  0.36  0.38  0.39   0.4  0.43  0.44  0.45  0.46   0.5  0.55  0.58  0.64  0.69   0.7  0.78  0.82  0.84  0.88   0.9  0.92  0.99  1.01
    1     1     1     1     1     1     1     1     1     1     1     2     1     1     1     1     1     1     1     1     1     1     1     1
 1.03   1.1  1.15  1.21  1.22  1.25  1.36  1.37  1.52  1.53  1.56  1.72  1.79  2.05  2.17  2.19
    1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1
>
```

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Matrix.R ✕

Source on Save

```r
 1   numeric_data <- c(1, 2, 3, 4, 5)
 2   character_data <- c("apple", "banana", "cherry")
 3   logical_data <- c(TRUE, FALSE, TRUE, FALSE)
 4   print("Content and type of numeric_data:")
 5   print(numeric_data)
 6   print(class(numeric_data))
 7   print("Content and type of character_data:")
 8   print(character_data)
 9   print(class(character_data))
10   print("Content and type of logical_data:")
11   print(logical_data)
12   print(class(logical_data))
13
```

9:29   (Top Level) ⬍

R ▾ R 4.3.2 · ~/ ⇗

```
> source("~/R program/R PROGRAM/Matrix.R")
[1] "Content and type of numeric_data:"
[1] 1 2 3 4 5
[1] "numeric"
[1] "Content and type of character_data:"
[1] "apple"  "banana" "cherry"
[1] "character"
[1] "Content and type of logical_data:"
[1]  TRUE FALSE  TRUE FALSE
[1] "logical"
> |
```