

The screenshot displays the RStudio interface with a script editor, console, and a plot window.

**Script Editor:**

```
1 salaries <- c(500, 600, 500, 400, 1000, 200, 200, 400, 600, 800)
2 breaks_seq <- seq(from = 100, to = 1050, by = 10)
3 salary_groups <- cut(salaries, breaks = breaks_seq, right = FALSE)
4 frequency_distribution <- table(salary_groups)
5 print(frequency_distribution)
6 hist(salaries, breaks = breaks_seq, right = FALSE, main = "Histogram")
```

**Environment:**

Variable	Value
breaks_seq	num [1:20] 100 150 200 250 300 350 -
frequency_dist	'table' int [1:19(id)] 0 0 0 0 0 0 -
salaries	num [1:10] 500 600 500 400 1000 200 -
salary_groups	Factor w/ 19 levels "100,150","150,200",...

**Console:**

```
> source("D:/RiffyProject/R_Jerry/hw3/41133024_1.R")
salary_groups
[100,150)    [150,200)    [200,250)
0             0             2
[250,300)    [300,350)    [350,400)
0             0             0
[400,450)    [450,500)    [500,550)
0             0             2
[550,600)    [600,650)    [650,700)
0             0             2
[700,750)    [750,800)    [800,850)
0             0             1
[850,900)    [900,950)    [950,1e+03)
0             0             0
[1e+03,1.05e+03)
1
```

**Plot Window:**

**Histogram of Salaries**

The histogram shows the frequency distribution of salaries. The x-axis is labeled "Salary (US\$)" and ranges from 0 to 1000. The y-axis is labeled "Frequency" and ranges from 0 to 2. The bars represent the frequency of salaries in each bin.

Salary Bin (US\$)	Frequency
100-150	0
150-200	0
200-250	2
250-300	0
300-350	0
350-400	0
400-450	0
450-500	0
500-550	2
550-600	0
600-650	0
650-700	2
700-750	0
750-800	0
800-850	1
850-900	0
900-950	0
950-1000	0
1000-1050	1

[illegible]