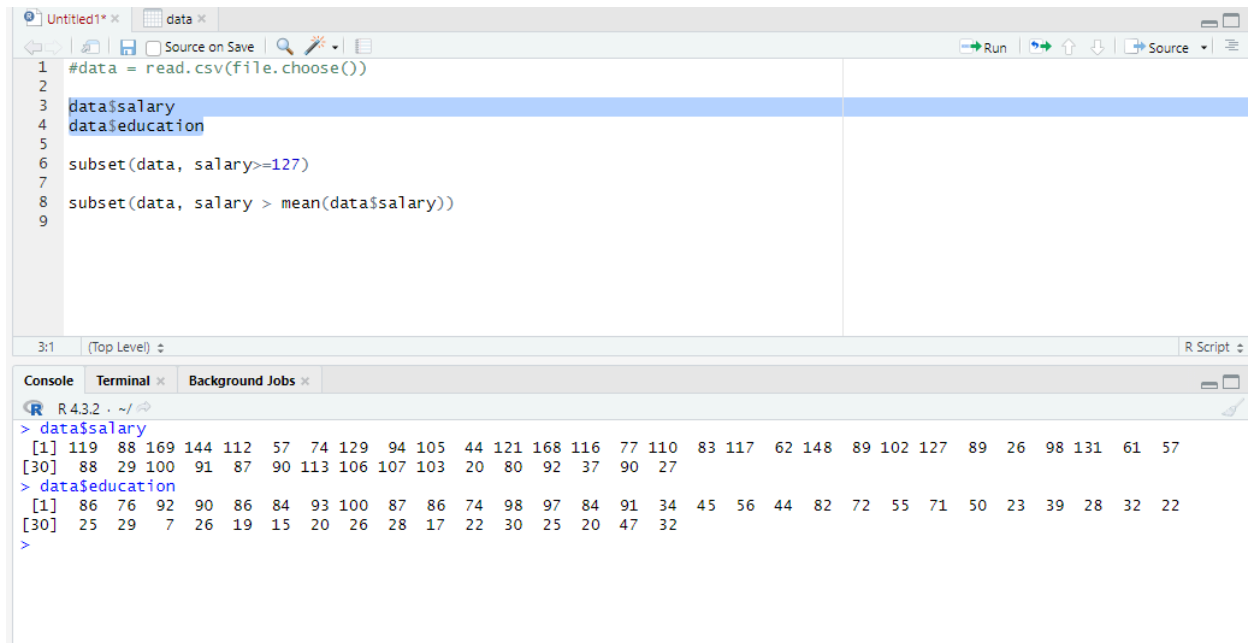


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Exercise 1



The screenshot shows the R Studio environment. The script editor contains the following code:

```
1 #data = read.csv(file.choose())
2
3 data$salary
4 data$education
5
6 subset(data, salary >= 127)
7
8 subset(data, salary > mean(data$salary))
9
```

The console output shows the result of the first two commands:

```
> data$salary
[1] 119 88 169 144 112 57 74 129 94 105 44 121 168 116 77 110 83 117 62 148 89 102 127 89 26 98 131 61 57
[30] 88 29 100 91 87 90 113 106 107 103 20 80 92 37 90 27
> data$education
[1] 86 76 92 90 86 84 93 100 87 86 74 98 97 84 91 34 45 56 44 82 72 55 71 50 23 39 28 32 22
[30] 25 29 7 26 19 15 20 26 28 17 22 30 25 20 47 32
>
```

PT.1 "R Screenshot"

PT.2 "Print only salary and education"

```
1 #data = read.csv(file.choose())
2
3 data$salary
4 data$education
5
6 subset(data, salary>=127)
7
8 subset(data, salary > mean(data$salary))
9
```

6:1 (Top Level) ⌵

Console Terminal × Background Jobs ×

R 4.3.2 · ~/

```
> subset(data, salary>=127)
      job salary education prestige
3  architect   169       92       90
4   author    144       90       76
8   dentist   129      100       90
13 physician   168       97       97
20  banker    148       82       92
23 insurance.agent 127       71       41
27  RR.engineer   131       28       67
>
```

PT.3 “ Print the rows that have their salary value above or equal 127”

```
1 #data = read.csv(file.choose())
2
3 data$salary
4 data$education
5
6 subset(data, salary>=127)
7
8 subset(data, salary > mean(data$salary))
9
```

8:1 (Top Level) ⚡

Console Terminal × Background Jobs ×

R 4.3.2 · ~/

```
> subset(data, salary > mean(data$salary))
  job salary education prestige
1  accountant   119      86      82
3   architect   169      92      90
4    author    144      90      76
5   chemist    112      86      90
8   dentist    129     100      90
9   reporter    94      87      52
10  engineer    105      86      88
12   lawyer    121      98      89
13  physician    168      97      97
14 welfare.worker 116      84      59
16  conductor    110      34      38
18 factory.owner 117      56      81
20  banker      148      82      92
22 mail.carrier 102      55      34
23 insurance.agent 127      71      41
26 electrician   98      39      53
27 RR.engineer   131      28      67
32  coal.miner   100       7      15
36 machine.operator 113      20      24
37  barber      106      26      20
38 bartender    107      28       7
39 shoe.shiner   103      17       3
```

PT.4 “Print the rows that have their salary value above the average salary”