

rprog.R*

Source on Save

Run

Source

```
1 sonar_df <- data.frame(  
2   ID = c(1, 2, 3, 4, 5),  
3   name = c("Hari", "Ram", "Nick", "DHoni", "Shikar"),  
4   occupation = c("Manager", "Engineer", "Analyst", "Designer", "Technician"),  
5   experience = c(8, 5, 3, 2, 6),  
6   stringsAsFactors = FALSE  
7 )  
8 str(sonar_df)  
9 summary(sonar_df)  
10 occupation_data <- sonar_df$occupation  
11 occupation_data  
12 sonar_df$salary <- c(100000, 80000, 60000, 50000, 70000)  
13 sonar_df
```

1:1 (Top Level)

R Script

R 4.2.0 · ~/

```
+ stringsAsFactors = FALSE  
+ )  
> str(sonar_df)  
'data.frame': 5 obs. of 4 variables:  
 $ ID      : num  1 2 3 4 5  
 $ name     : chr  "Hari" "Ram" "Nick" "DHoni" ...  
 $ occupation: chr  "Manager" "Engineer" "Analyst" "Designer" ...  
 $ experience: num  8 5 3 2 6  
> summary(sonar_df)  
      ID      name      occupation      experience  
Min.   :1    Length:5    Length:5    Min.   :2.0  
1st Qu.:2    Class :character Class :character 1st Qu.:3.0  
Median :3    Mode  :character Mode  :character Median :5.0  
Mean   :3  
3rd Qu.:4  
Max.   :5  
> occupation_data <- sonar_df$occupation  
> occupation_data
```

rprog.R*

Source on Save

Run Source

```
1 sonar_df <- data.frame(  
2   ID = c(1, 2, 3, 4, 5),  
3   name = c("Hari", "Ram", "Nick", "DHoni", "Shikar"),  
4   occupation = c("Manager", "Engineer", "Analyst", "Designer", "Technician"),  
5   experience = c(8, 5, 3, 2, 6),  
6   stringsAsFactors = FALSE  
7 )  
8 str(sonar_df)  
9 summary(sonar_df)  
10 occupation_data <- sonar_df$occupation  
11 occupation_data  
12 sonar_df$salary <- c(100000, 80000, 60000, 50000, 70000)  
13 sonar_df
```

1:1 (Top Level)

R Script

R 4.2.0 · ~/

| | | | |
|-----------|------------------|------------------|-------------|
| Min. :1 | Length:5 | Length:5 | Min. :2.0 |
| 1st Qu.:2 | Class :character | Class :character | 1st Qu.:3.0 |
| Median :3 | Mode :character | Mode :character | Median :5.0 |
| Mean :3 | | | Mean :4.8 |
| 3rd Qu.:4 | | | 3rd Qu.:6.0 |
| Max. :5 | | | Max. :8.0 |

> occupation_data <- sonar_df\$occupation

> occupation_data

[1] "Manager" "Engineer" "Analyst" "Designer" "Technician"

> sonar_df\$salary <- c(100000, 80000, 60000, 50000, 70000)

> sonar_df

| | ID | name | occupation | experience | salary |
|---|----|--------|------------|------------|--------|
| 1 | 1 | Hari | Manager | 8 | 1e+05 |
| 2 | 2 | Ram | Engineer | 5 | 8e+04 |
| 3 | 3 | Nick | Analyst | 3 | 6e+04 |
| 4 | 4 | DHoni | Designer | 2 | 5e+04 |
| 5 | 5 | Shikar | Technician | 6 | 7e+04 |