Statistics with R-programming

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S4 class - student information

```
setClass("emp",
slots = list(
name = "character",
id = "numeric",
contact = "character"
     1
     2
     3
     4
     5
     6
                           ))
          obj <- new("emp",
name = "harry",
id = 1002,
contact = "westavenue")
     7
     8
     9
   10
   11
          obj
   12
          (Top Level) $
Console Terminal × Background Jobs ×
R - R 4.4.2 · ~/ ->
An object of class "emp"
slot "name":
[1] "harry"
slot "id":
[1] 1002
slot "contact":
[1] "westavenue"
```

EXPERIMENT 19:

DATA FRAME FOR EMPLOYEE NAME, SALARY AND DESIGNATION.

```
L' MIN I L' U V
 1 info<-data.frame(
 2
    EMPLOYEEID =c(101,102),
 3
     NAME = c("Harikrishnan R", "Mohan S"),
 4
     AGE = c(45,35),
 5
      SALARY = c(250000, 100000),
      DESIGNATION = c("Head Engineer", "Technician")
 7 )
 8
    print(info)
 9:1 (Top Level) #
Console Terminal × Background Jobs ×
R → R 4.4.2 · ~/ 🖘
   NAME = c("Harikrishnan R", "Mohan 5"),
+ AGE = c(45,35),
+ SALARY = c(250000, 100000),
+ DESIG .... [TRUNCATED]
> print(info)
 EMPLOYEEID
                    NAME AGE SALARY DESIGNATION
        101 Harikrishnan R 45 250000 Head Engineer
1
        102 Mohan S 35 100000
2
                                      Technician
>
```

EXPERIMENT 20:

DATAFRAME FOR PAYROLE SYSTEM.

