```
> data<-read.csv("HR_comma_sep.csv")
> dim(data)
[1] 14999    10
> summary(data)
 satisfaction_level last_evaluation  number_project  average_montly_hours
 Min.   :0.0900     Min.   :0.3600   Min.   :2.000   Min.   : 96.0
 1st Qu.:0.4400     1st Qu.:0.5600   1st Qu.:3.000   1st Qu.:156.0
 Median :0.6400     Median :0.7200   Median :4.000   Median :200.0
 Mean   :0.6128     Mean   :0.7161   Mean   :3.803   Mean   :201.1
 3rd Qu.:0.8200     3rd Qu.:0.8700   3rd Qu.:5.000   3rd Qu.:245.0
 Max.   :1.0000     Max.   :1.0000   Max.   :7.000   Max.   :310.0
 time_spend_company Work_accident        left        promotion_last_5years
 Min.   : 2.000     Min.   :0.0000   Min.   :0.0000   Min.   :0.00000
 1st Qu.: 3.000     1st Qu.:0.0000   1st Qu.:0.0000   1st Qu.:0.00000
 Median : 3.000     Median :0.0000   Median :0.0000   Median :0.00000
 Mean   : 3.498     Mean   :0.1446   Mean   :0.2381   Mean   :0.02127
 3rd Qu.: 4.000     3rd Qu.:0.0000   3rd Qu.:0.0000   3rd Qu.:0.00000
 Max.   :10.000     Max.   :1.0000   Max.   :1.0000   Max.   :1.00000
    sales              salary
 Length:14999       Length:14999
 Class :character   Class :character
 Mode  :character   Mode  :character



> cor(data$number_project, data$average_montly_hours)
[1] 0.4172106
> linearModel <- lm(average_montly_hours ~ number_project , data=data)
> print(linearModel)

Call:
lm(formula = average_montly_hours ~ number_project, data = data)

Coefficients:
   (Intercept)  number_project
         136.8            16.9
```