```
setwd("C:\\Users\\it24100719\\Downloads\\IT24100719_PS_Lab_04")
branch_data <- read.table("Exercise.txt",header = TRUE ,sep = ",")</pre>
fix(branch_data)
attach(branch_data)
boxplot(Sales_X1, main = "Box plot for Sales", outline = TRUE, outpch=8, horizontal = FALSE)
Summary(Advertising_X2)
quantile(Advertising_X2)
IQR(Advertising_X2)
get.Function <- function(input) {</pre>
   q1 <- quantile(input)[2]</pre>
   q2 <- quantile(input)[4]</pre>
   iqr <- IQR(input)</pre>
   ub <- q2 + 1.5*iqr
   1b <- q1 + 1.5*iqr
   print(paste("Upper Bound =", ub))
print(paste("Lower Bound =",lb))
print(paste("Outliers:", paste(sort(input[input < lb | input > ub]),collapse = ",")))
get.Function(Years_X3)
```

Data Editor

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	Branch	Sales_X1	Advertising_X2	Years_X3
1	1	3.4	120	4
2	2	4.1	150	7
3	3	2.8	90	3
4	4	5	200	10
5	5	3.7	110	5
6	6	4.5	175	6
7	7	3	95	2
8	8	4.9	185	9
9	9	3.2	105	4
10	10	2.5	80	1
11	11	3.9	130	5
12	12	4.2	140	7
13	13	2.7	100	3
14	14	3.6	125	4
15	15	4.8	190	8
16	16	3.3	115	5
17	17	4	135	6
18	18	5.1	210	12
19	19	3.8	145	6

Box plot for Sales

