```
jashim@0587375964 codebase %  cd /Users/jashim/Desktop/school/eecs498/codebase ; /usr/bin/env /Library/Java/JavaVirtualMachines/zulu-11.jdk/Contents/Home/bin/java -Dfile.encoding=UTF-8 @/var/folders/8_/z9p5t2b50zl5jl85fxx7_dz40000gn/T/cp_c1n88ed5e97qfghwhixjbliow.argfile syn.pa0.Test1
Input in R:
data.frame(id=c("1","2","3","4"),name=c("Mark","John","Mary","Joe"),key=c("0.94/Y","0.85/Y","0.22/N","0.11/N"))

R program:
separate(x, key, into=c("efficiency", "rehire"), sep = "\\/")

Produced output in R:
data.frame(id=c("1","2","3","4"),name=c("Mark","John","Mary","Joe"),efficiency=c("0.94","0.85","0.22","0.11"),rehire=c("Y","Y","N","N"))

Desired output in R:
data.frame(id=c("1","2","3","4"),name=c("Mark","John","Mary","Joe"),efficiency=c("0.94","0.85","0.22","0.11"),rehire=c("Y","Y","N","N"))

Desired output is the same as the produced output:
true
```

For this assignment, I chose to test out function, separate().
The original input includes a column of keys, which is the combination of the efficiency of a worker as a number, and a slash followed by whether to rehire them or not. I first used separate function to separate the number and the word that signifies whether they would be rehired, on R to test it out.

Following the separate() guideline on R, I set up the command such that R would do what I wanted it to do, as explained above. And the output of the program (Test1.java) showed that it was able to connect to the R console, and produce the output exactly to how I expected it to be.