

STAT 545: HW 1

Problem 1

We simply want to add out final score to our file. Thankfully, the calculations and final dataframe is already made. All we need to do is bind final letter grade with our score file and write it into a csv file. This is the code in "grade_P1.R".

```
#bind the final score and letter grade together
finalscore = cbind(score, grades)
finalscore

# We just add the write csv code line
write.csv(finalscore, "final_grades.csv", row.names = FALSE)
```

And here is our final score and score:

```
score
```

```
##   First.Name Midterm_maxscore_50 Final_maxscore_50 HW_maxscore_100
## 1      Alice            38            45            85
## 2       Bob            47            42            90
## 3    Charlie            0            40            92
## 4     Dave            42            37            75
## 5     Erin            40            48            98
##   Project_maxscore_100
## 1                  90
## 2                  95
## 3                  0
## 4                 92
## 5                 92
```

```
finalscore
```

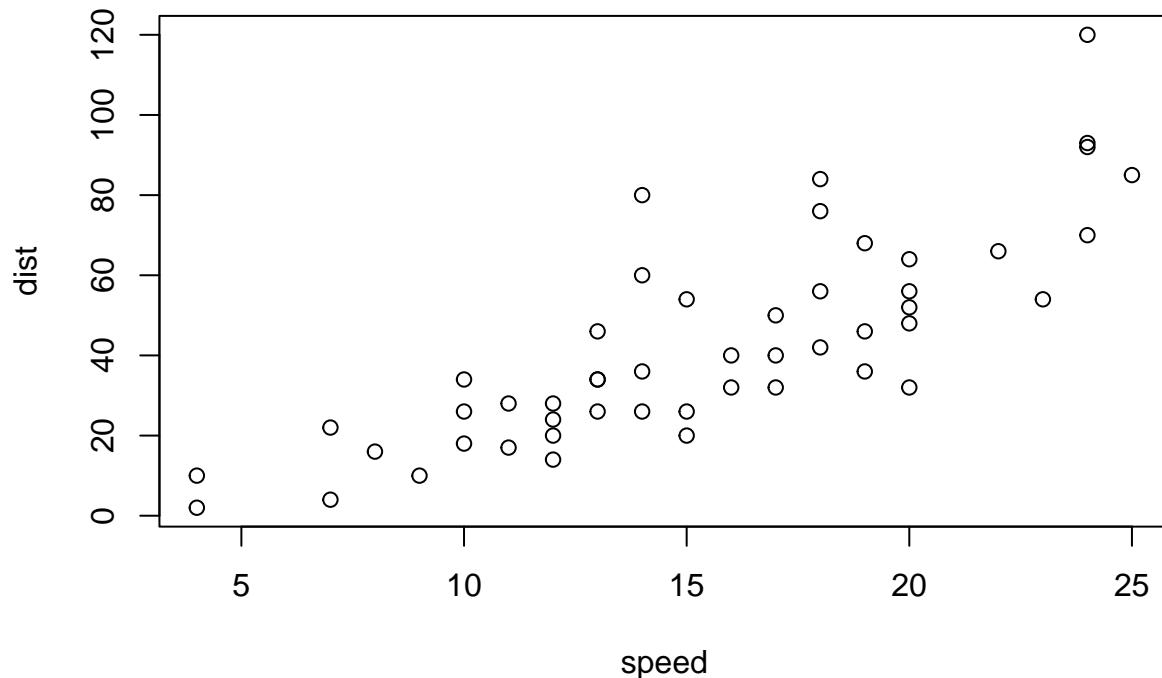
```
##   First.Name Midterm_maxscore_50 Final_maxscore_50 HW_maxscore_100
## 1      Alice            38            45            85
## 2       Bob            47            42            90
## 3    Charlie            0            40            92
## 4     Dave            42            37            75
## 5     Erin            40            48            98
##   Project_maxscore_100 grades
## 1                  90      B
## 2                  95      A
## 3                  0      F
## 4                 92      B
## 5                 92      A
```

Problem 2

This is an R Markdown Notebook. When you execute code within the notebook, the results appear beneath the code.

Try executing this chunk by clicking the *Run* button within the chunk or by placing your cursor inside it and pressing *Ctrl+Shift+Enter*.

```
plot(cars)
```



Add a new chunk by clicking the *Insert Chunk* button on the toolbar or by pressing *Ctrl+Alt+I*.

When you save the notebook, an HTML file containing the code and output will be saved alongside it (click the *Preview* button or press *Ctrl+Shift+K* to preview the HTML file).

The preview shows you a rendered HTML copy of the contents of the editor. Consequently, unlike *Knit*, *Preview* does not run any R code chunks. Instead, the output of the chunk when it was last run in the editor is displayed.