> simon.says<- "Simon says:"

> simon.says<- toupper(simon.says)

> print(simon.says)

[1] "SIMON SAYS:"

> a2.matrix<- cbind(c(1,2,3), c(4,5,6))

> a3.matrix<- rbind(c(1,2,3), c(4,5,6))

> a2.matrix %\*% a3.matrix

[,1] [,2] [,3]

[1,] 17 22 27

[2,] 22 29 36

[3,] 27 36 45

> a2.matrix

[,1] [,2]

[1,] 1 4

[2,] 2 5

[3,] 3 6

> a3.matrix

[,1] [,2] [,3]

[1,] 1 2 3

[2,] 4 5 6

> str(airline-safety.csv)

Error in str(airline - safety.csv) : object 'airline' not found

> airline<- read.table(file.choose(), sep=",", header=TRUE)

> airline

airline avail\_seat\_km\_per\_week incidents\_85\_99

1 Aer Lingus 320906734 2

2 Aeroflot\* 1197672318 76

3 Aerolineas Argentinas 385803648 6

4 Aeromexico\* 596871813 3

5 Air Canada 1865253802 2

6 Air France 3004002661 14

7 Air India\* 869253552 2

8 Air New Zealand\* 710174817 3

9 Alaska Airlines\* 965346773 5

10 Alitalia 698012498 7

11 All Nippon Airways 1841234177 3

12 American\* 5228357340 21

13 Austrian Airlines 358239823 1

14 Avianca 396922563 5

15 British Airways\* 3179760952 4

16 Cathay Pacific\* 2582459303 0

17 China Airlines 813216487 12

18 Condor 417982610 2

19 COPA 550491507 3

20 Delta / Northwest\* 6525658894 24

21 Egyptair 557699891 8

22 El Al 335448023 1

23 Ethiopian Airlines 488560643 25

24 Finnair 506464950 1

25 Garuda Indonesia 613356665 10

26 Gulf Air 301379762 1

27 Hawaiian Airlines 493877795 0

28 Iberia 1173203126 4

29 Japan Airlines 1574217531 3

30 Kenya Airways 277414794 2

31 KLM\* 1874561773 7

32 Korean Air 1734522605 12

33 LAN Airlines 1001965891 3

34 Lufthansa\* 3426529504 6

35 Malaysia Airlines 1039171244 3

36 Pakistan International 348563137 8

37 Philippine Airlines 413007158 7

38 Qantas\* 1917428984 1

39 Royal Air Maroc 295705339 5

40 SAS\* 682971852 5

41 Saudi Arabian 859673901 7

42 Singapore Airlines 2376857805 2

43 South African 651502442 2

44 Southwest Airlines 3276525770 1

45 Sri Lankan / AirLanka 325582976 2

46 SWISS\* 792601299 2

47 TACA 259373346 3

48 TAM 1509195646 8

49 TAP - Air Portugal 619130754 0

50 Thai Airways 1702802250 8

51 Turkish Airlines 1946098294 8

52 United / Continental\* 7139291291 19

53 US Airways / America West\* 2455687887 16

54 Vietnam Airlines 625084918 7

55 Virgin Atlantic 1005248585 1

56 Xiamen Airlines 430462962 9

fatal\_accidents\_85\_99 fatalities\_85\_99 incidents\_00\_14 fatal\_accidents\_00\_14

1 0 0 0 0

2 14 128 6 1

3 0 0 1 0

4 1 64 5 0

5 0 0 2 0

6 4 79 6 2

7 1 329 4 1

8 0 0 5 1

9 0 0 5 1

10 2 50 4 0

11 1 1 7 0

12 5 101 17 3

13 0 0 1 0

14 3 323 0 0

15 0 0 6 0

16 0 0 2 0

17 6 535 2 1

18 1 16 0 0

19 1 47 0 0

20 12 407 24 2

21 3 282 4 1

22 1 4 1 0

23 5 167 5 2

24 0 0 0 0

25 3 260 4 2

26 0 0 3 1

27 0 0 1 0

28 1 148 5 0

29 1 520 0 0

30 0 0 2 2

31 1 3 1 0

32 5 425 1 0

33 2 21 0 0

34 1 2 3 0

35 1 34 3 2

36 3 234 10 2

37 4 74 2 1

38 0 0 5 0

39 3 51 3 0

40 0 0 6 1

41 2 313 11 0

42 2 6 2 1

43 1 159 1 0

44 0 0 8 0

45 1 14 4 0

46 1 229 3 0

47 1 3 1 1

48 3 98 7 2

49 0 0 0 0

50 4 308 2 1

51 3 64 8 2

52 8 319 14 2

53 7 224 11 2

54 3 171 1 0

55 0 0 0 0

56 1 82 2 0

fatalities\_00\_14

1 0

2 88

3 0

4 0

5 0

6 337

7 158

8 7

9 88

10 0

11 0

12 416

13 0

14 0

15 0

16 0

17 225

18 0

19 0

20 51

21 14

22 0

23 92

24 0

25 22

26 143

27 0

28 0

29 0

30 283

31 0

32 0

33 0

34 0

35 537

36 46

37 1

38 0

39 0

40 110

41 0

42 83

43 0

44 0

45 0

46 0

47 3

48 188

49 0

50 1

51 84

52 109

53 23

54 0

55 0

56 0

> str(airline)

'data.frame': 56 obs. of 8 variables:

$ airline : chr "Aer Lingus" "Aeroflot\*" "Aerolineas Argentinas" "Aeromexico\*" ...

$ avail\_seat\_km\_per\_week: num 3.21e+08 1.20e+09 3.86e+08 5.97e+08 1.87e+09 ...

$ incidents\_85\_99 : int 2 76 6 3 2 14 2 3 5 7 ...

$ fatal\_accidents\_85\_99 : int 0 14 0 1 0 4 1 0 0 2 ...

$ fatalities\_85\_99 : int 0 128 0 64 0 79 329 0 0 50 ...

$ incidents\_00\_14 : int 0 6 1 5 2 6 4 5 5 4 ...

$ fatal\_accidents\_00\_14 : int 0 1 0 0 0 2 1 1 1 0 ...

$ fatalities\_00\_14 : int 0 88 0 0 0 337 158 7 88 0 ...

>

> load("C:/Users/rmusf/Downloads/airline-safety.csv")

Error in load("C:/Users/rmusf/Downloads/airline-safety.csv") :

bad restore file magic number (file may be corrupted) -- no data loaded

In addition: Warning message:

file ‘airline-safety.csv’ has magic number 'airli'

Use of save versions prior to 2 is deprecated

> airline.safety <- read.csv("C:/Users/rmusf/Downloads/airline-safety.csv", header=FALSE)

> View(airline.safety)

> class(airline)

[1] "data.frame"

> class(airline-safety)

Error: object 'safety' not found

> class(airline.safety)

[1] "data.frame"

> airline.safety

V1 V2 V3

1 airline avail\_seat\_km\_per\_week incidents\_85\_99

2 Aer Lingus 320906734 2

3 Aeroflot\* 1197672318 76

4 Aerolineas Argentinas 385803648 6

5 Aeromexico\* 596871813 3

6 Air Canada 1865253802 2

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13 American\* 5228357340 21

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17 Cathay Pacific\* 2582459303 0

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19 Condor 417982610 2

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23 El Al 335448023 1

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25 Finnair 506464950 1

26 Garuda Indonesia 613356665 10

27 Gulf Air 301379762 1

28 Hawaiian Airlines 493877795 0

29 Iberia 1173203126 4

30 Japan Airlines 1574217531 3

31 Kenya Airways 277414794 2

32 KLM\* 1874561773 7

33 Korean Air 1734522605 12

34 LAN Airlines 1001965891 3

35 Lufthansa\* 3426529504 6

36 Malaysia Airlines 1039171244 3

37 Pakistan International 348563137 8

38 Philippine Airlines 413007158 7

39 Qantas\* 1917428984 1

40 Royal Air Maroc 295705339 5

41 SAS\* 682971852 5

42 Saudi Arabian 859673901 7

43 Singapore Airlines 2376857805 2

44 South African 651502442 2

45 Southwest Airlines 3276525770 1

46 Sri Lankan / AirLanka 325582976 2

47 SWISS\* 792601299 2

48 TACA 259373346 3

49 TAM 1509195646 8

50 TAP - Air Portugal 619130754 0

51 Thai Airways 1702802250 8

52 Turkish Airlines 1946098294 8

53 United / Continental\* 7139291291 19

54 US Airways / America West\* 2455687887 16

55 Vietnam Airlines 625084918 7

56 Virgin Atlantic 1005248585 1

57 Xiamen Airlines 430462962 9

V4 V5 V6 V7

1 fatal\_accidents\_85\_99 fatalities\_85\_99 incidents\_00\_14 fatal\_accidents\_00\_14

2 0 0 0 0

3 14 128 6 1

4 0 0 1 0

5 1 64 5 0

6 0 0 2 0

7 4 79 6 2

8 1 329 4 1

9 0 0 5 1

10 0 0 5 1

11 2 50 4 0

12 1 1 7 0

13 5 101 17 3

14 0 0 1 0

15 3 323 0 0

16 0 0 6 0

17 0 0 2 0

18 6 535 2 1

19 1 16 0 0

20 1 47 0 0

21 12 407 24 2

22 3 282 4 1

23 1 4 1 0

24 5 167 5 2

25 0 0 0 0

26 3 260 4 2

27 0 0 3 1

28 0 0 1 0

29 1 148 5 0

30 1 520 0 0

31 0 0 2 2

32 1 3 1 0

33 5 425 1 0

34 2 21 0 0

35 1 2 3 0

36 1 34 3 2

37 3 234 10 2

38 4 74 2 1

39 0 0 5 0

40 3 51 3 0

41 0 0 6 1

42 2 313 11 0

43 2 6 2 1

44 1 159 1 0

45 0 0 8 0

46 1 14 4 0

47 1 229 3 0

48 1 3 1 1

49 3 98 7 2

50 0 0 0 0

51 4 308 2 1

52 3 64 8 2

53 8 319 14 2

54 7 224 11 2

55 3 171 1 0

56 0 0 0 0

57 1 82 2 0

V8

1 fatalities\_00\_14

2 0

3 88

4 0

5 0

6 0

7 337

8 158

9 7

10 88

11 0

12 0

13 416

14 0

15 0

16 0

17 0

18 225

19 0

20 0

21 51

22 14

23 0

24 92

25 0

26 22

27 143

28 0

29 0

30 0

31 283

32 0

33 0

34 0

35 0

36 537

37 46

38 1

39 0

40 0

41 110

42 0

43 83

44 0

45 0

46 0

47 0

48 3

49 188

50 0

51 1

52 84

53 109

54 23

55 0

56 0

57 0

> names9airline)

Error: unexpected ')' in "names9airline)"

> names(airline)

[1] "airline" "avail\_seat\_km\_per\_week" "incidents\_85\_99"

[4] "fatal\_accidents\_85\_99" "fatalities\_85\_99" "incidents\_00\_14"

[7] "fatal\_accidents\_00\_14" "fatalities\_00\_14"