Assignment 14.2

Anser 1) labelsrt<-paste(Label, 1:30, sep=" ")

Labelsrt

OUTPUT) [1] "Label 1" "Label 2" "Label 3" "Label 4" "Label 5" "Label 6"

[7] "Label 7" "Label 8" "Label 9" "Label 10" "Label 11" "Label 12"

[13] "Label 13" "Label 14" "Label 15" "Label 16" "Label 17" "Label 18"

[19] "Label 19" "Label 20" "Label 21" "Label 22" "Label 23" "Label 24"

[25] "Label 25" "Label 26" "Label 27" "Label 28" "Label 29" "Label 30"

Answer 2) labelstr<-paste("FN", 1:30, sep = "")

Labelstr

OUTPUT )

[1] "FN1" "FN2" "FN3" "FN4" "FN5" "FN6" "FN7" "FN8" "FN9" "FN10"

[11] "FN11" "FN12" "FN13" "FN14" "FN15" "FN16" "FN17" "FN18" "FN19" "FN20"

[21] "FN21" "FN22" "FN23" "FN24" "FN25" "FN26" "FN27" "FN28" "FN29" "FN30"

Answer 3)mat <- matrix(c(1:5, 101:105, 201:205, 301:305), nrow = 5, ncol = 4)

Mat

OUTPUT

[,1] [,2] [,3] [,4]

[1,] 1 101 201 301

[2,] 2 102 202 302

[3,] 3 103 203 303

[4,] 4 104 204 304

[5,] 5 105 205 305

Answer 4) set.seed(100)

GMAT <- matrix( sample(10, size=60, replace = TRUE), nrow = 6)

GMAT

1. which(rowSums(GMAT == 7) == 2)

OUTPUT)

[,1] [,2] [,3] [,4] [,5] [,6] [,7] [,8] [,9] [,10]

[1,] 4 9 3 4 5 5 2 8 3 6

[2,] 3 4 4 7 2 10 7 9 4 3

[3,] 6 6 8 6 8 4 10 7 4 2

[4,] 1 2 7 8 9 10 2 5 2 3

[5,] 5 7 3 6 6 7 4 8 3 6

[6,] 5 9 4 8 3 9 9 9 3 3

>

> which(rowSums(GMAT == 7) == 2)

[1] 2 5

Answer) TO calculate Compound Interest

f <- function(rate,p,n) {

p \*((1+rate/100)^n)

}

p=10000

rate=11.5

n=c(1:15)

f(rate, p, n)

Output is) [1] 11150.00 12432.25 13861.96 15456.08 17233.53 19215.39 21425.16 23889.05

[9] 26636.29 29699.47 33114.91 36923.12 41169.28 45903.75 51182.68