Version:1.0 StartHTML:0000000107 EndHTML:0000005308 StartFragment:0000000127 EndFragment:0000005290

> #Question 1> num<-seq(1,100,2)>

num [1] 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61

[32] 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99> >

#Q 2> num2<-c(1,2,3,4,5,8,6,2,11)

> num2[1] 1 2 3 4 5 8 6 2 11>

> #Q 3> mat3<-matrix(num2,3,3)

> mat3 [,1] [,2] [,3]

[1,] 1 4 6

[2,] 2 5 2

[3,] 3 8 11>

> #Q4> a<-c(NA,11:15,NA,NA)

> m<-mean(a,na.rm=TRUE)

> a<-ifelse(is.na(a),0,a)

> a[1] 0 11 12 13 14 15 0 0>

>

> #Q5>

x<-c('apple','banana','grape')

> sub('a','$',x)[1] "$pple" "b$nana" "gr$pe"