1. Create a numerical vector to store the odd numbers between 1 to 100

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| --- |
| > d<-seq(1,99,2)  > d  [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  [28] 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99 |
|  |
| |  | | --- | | 1. Create the numerical vector with following values   1,2,3,4,5,8,6,2,11 | |

> x<- c(1,2,3,4,5,8,6,2,11 )

> x

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

1. Create 3x3 matrix from the vector

> m<-matrix(x,nrow=3,ncol = 3)

> m

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

[1,] 1 4 6

[2,] 2 5 2

[3,] 3 8 11

1. Consider the following vector a<-c(NA,11:15,NA,NA) remove all the NA and find the mean of the vector

|  |
| --- |
| > a<-c(NA,11:15,NA,NA)  > a  [1] NA 11 12 13 14 15 NA NA  > meanA<-mean(x, na.rm = TRUE)  > meanA  [1] 4.666667 |
|  |
| |  | | --- | | 1. Consider the vector x=c(”apple”,”banana”,”grape”)   Replace the first occurrence of a with ‘$’ | |

> x=c("apple","banana","grape")

> repA=str\_replace(x,"[a]","$")

> repA

[1] "$pple" "b$nana" "gr$pe"