math.mode.R

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2023-03-26

#Function for mode  
math.mode <- function(v){  
 if(is.vector(v)==T){  
 if(is.numeric(v) == T | is.integer(v)==T){  
 mostFreq <- aggregate(v,list(num=v), length)  
 index <- which(mostFreq$x == max(mostFreq$x))  
 answer <- mostFreq$num[index]  
 return(answer)  
 }  
 else{  
 stop('Object data type is not numeric or integer')  
 }  
 }  
 else{  
 stop('Object is not a vector')  
 }  
}