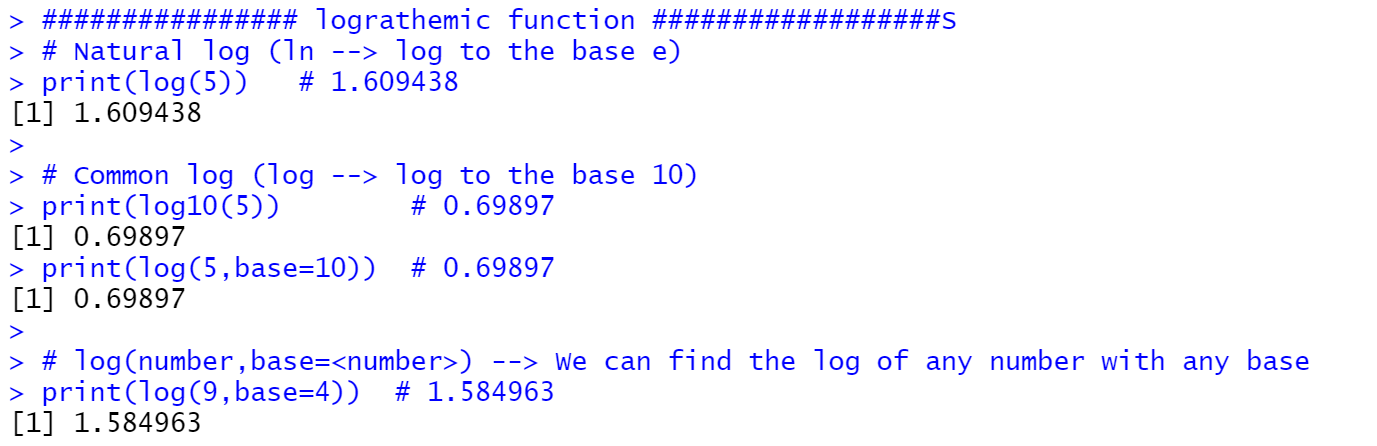
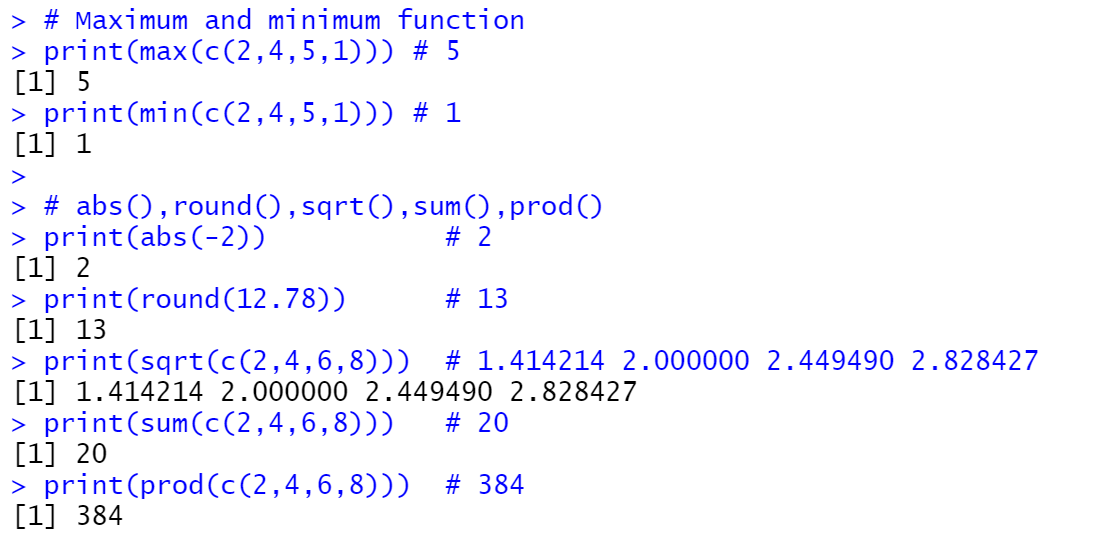
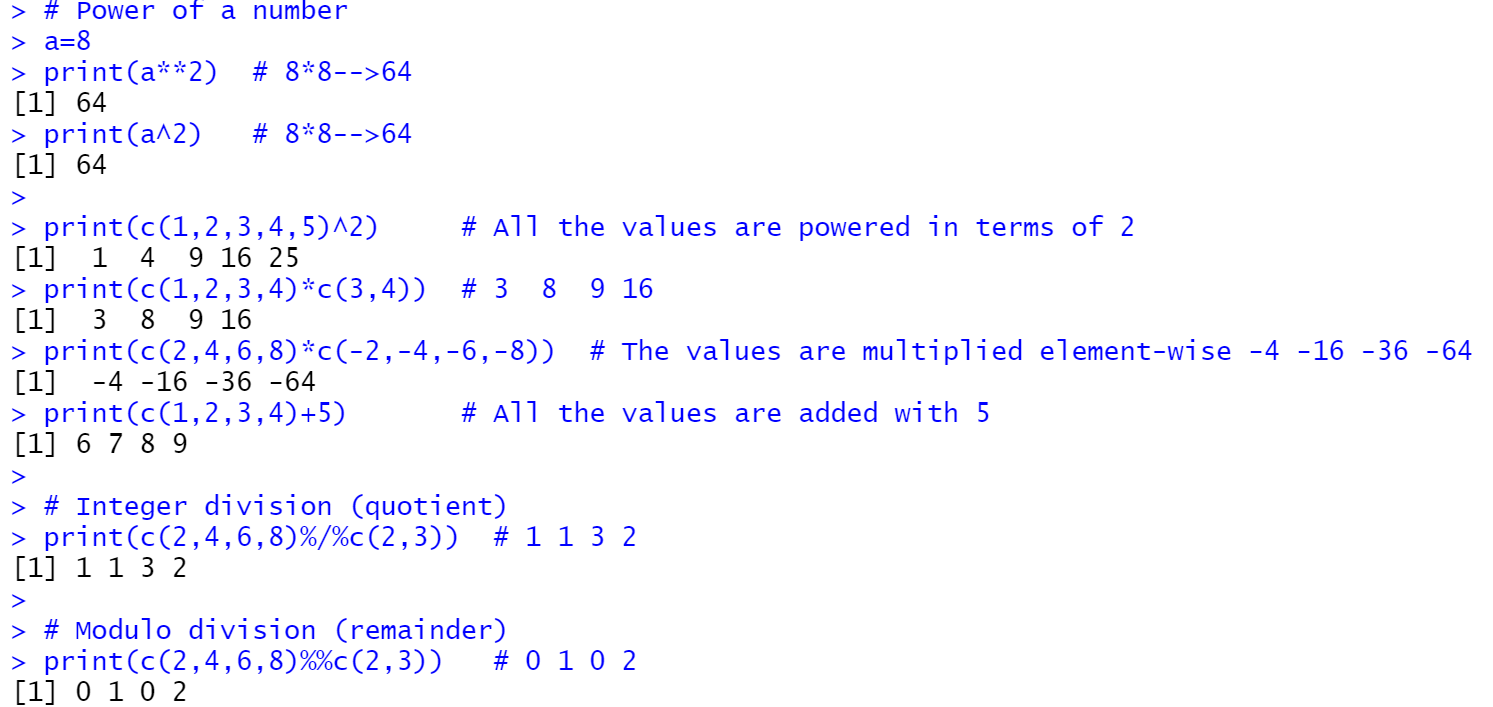
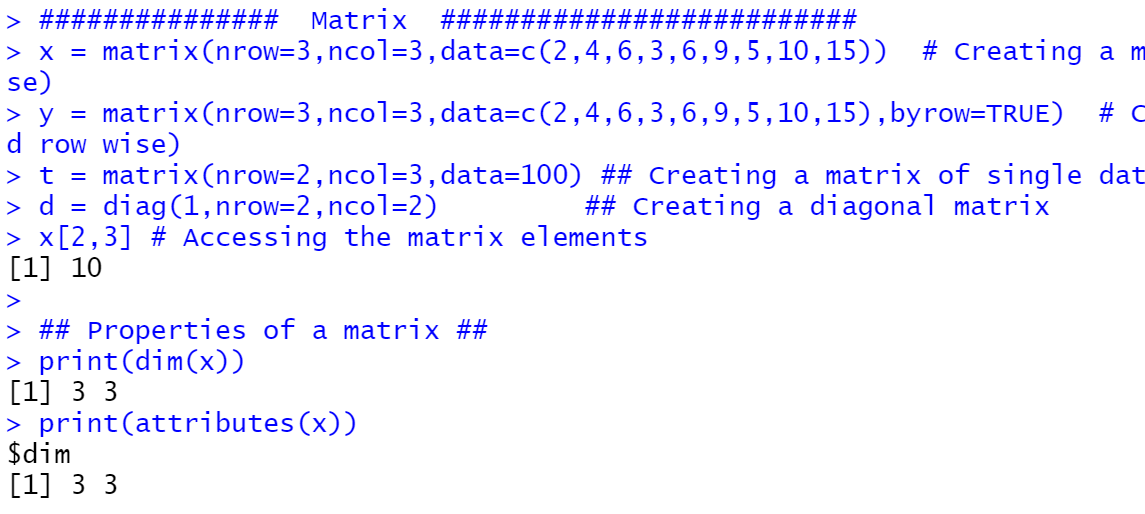
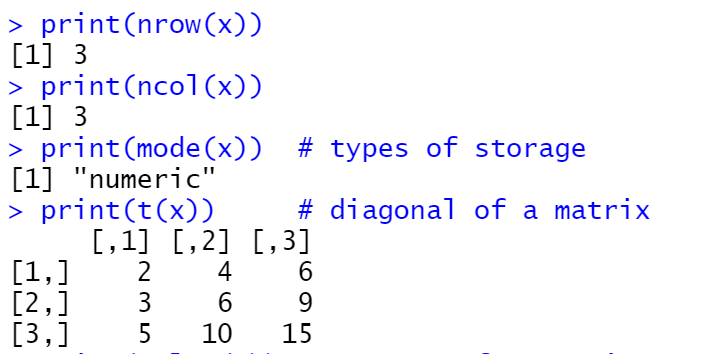
Statistics for Engineers Prashanth.S

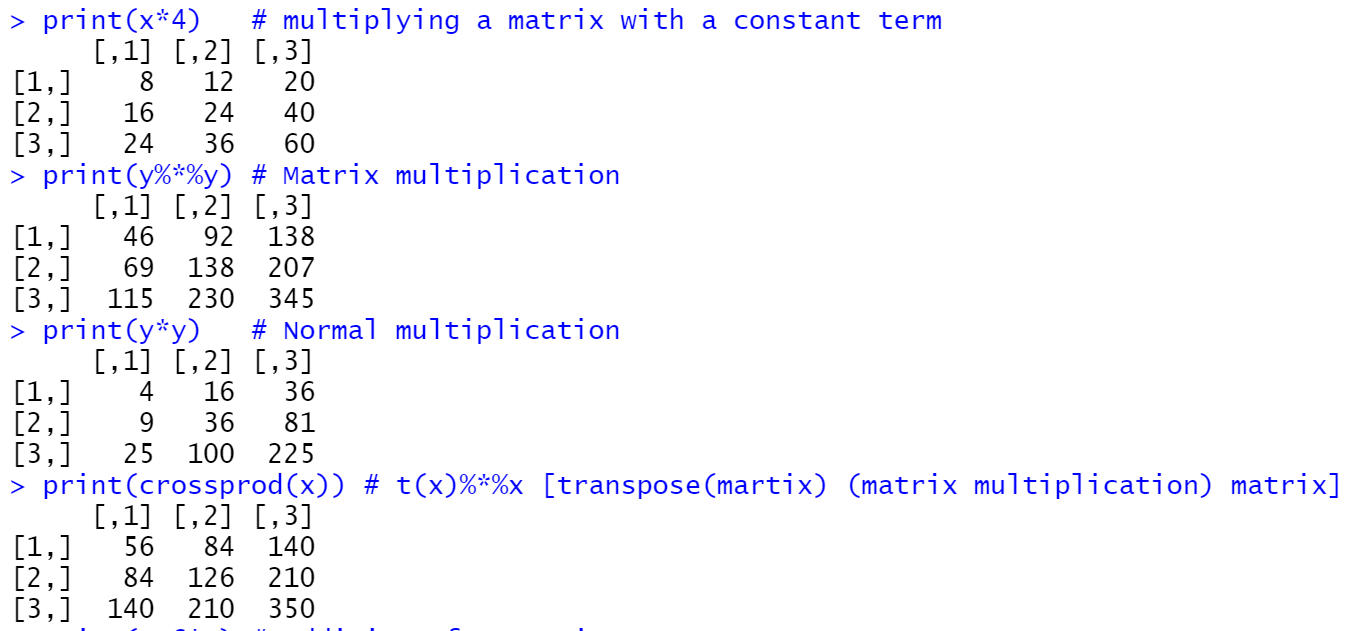
19MID0020

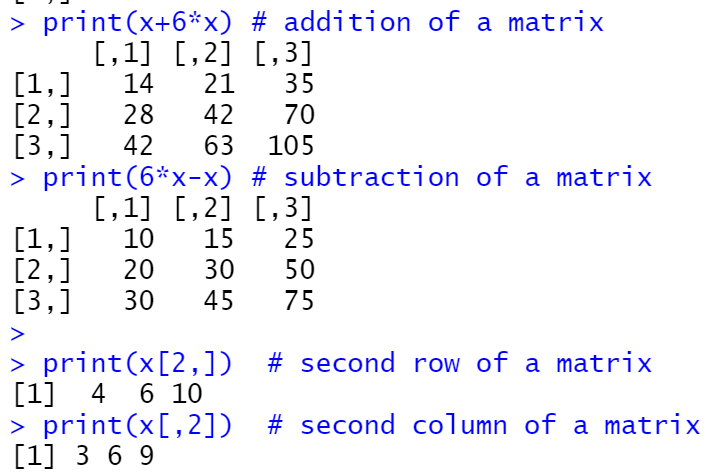
***14th July 2020***



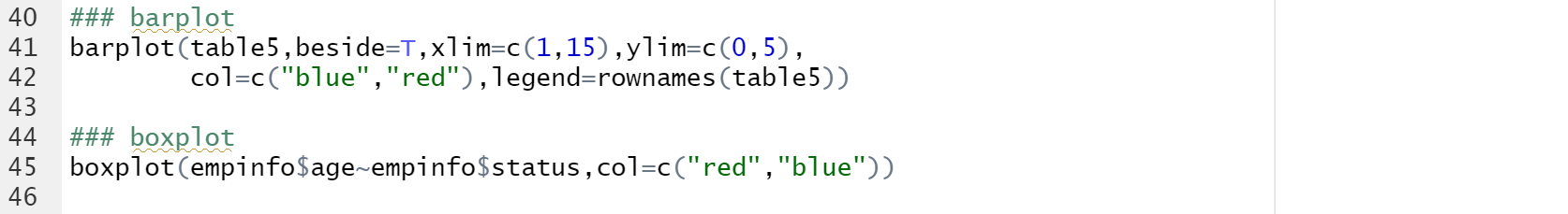
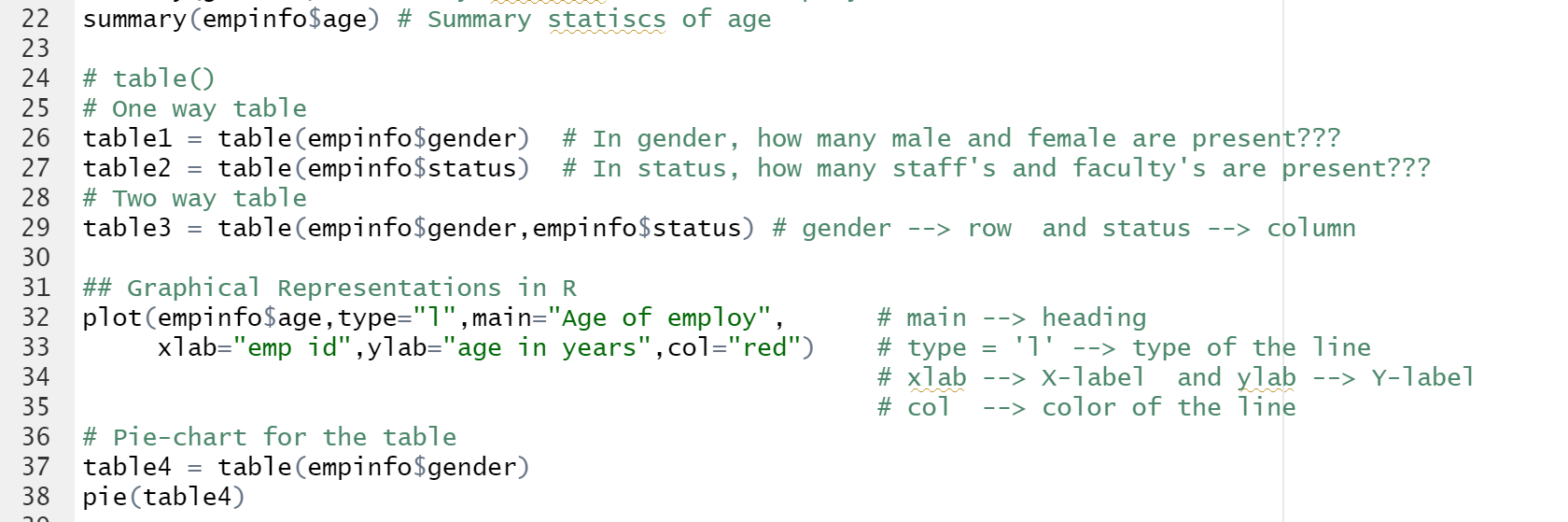
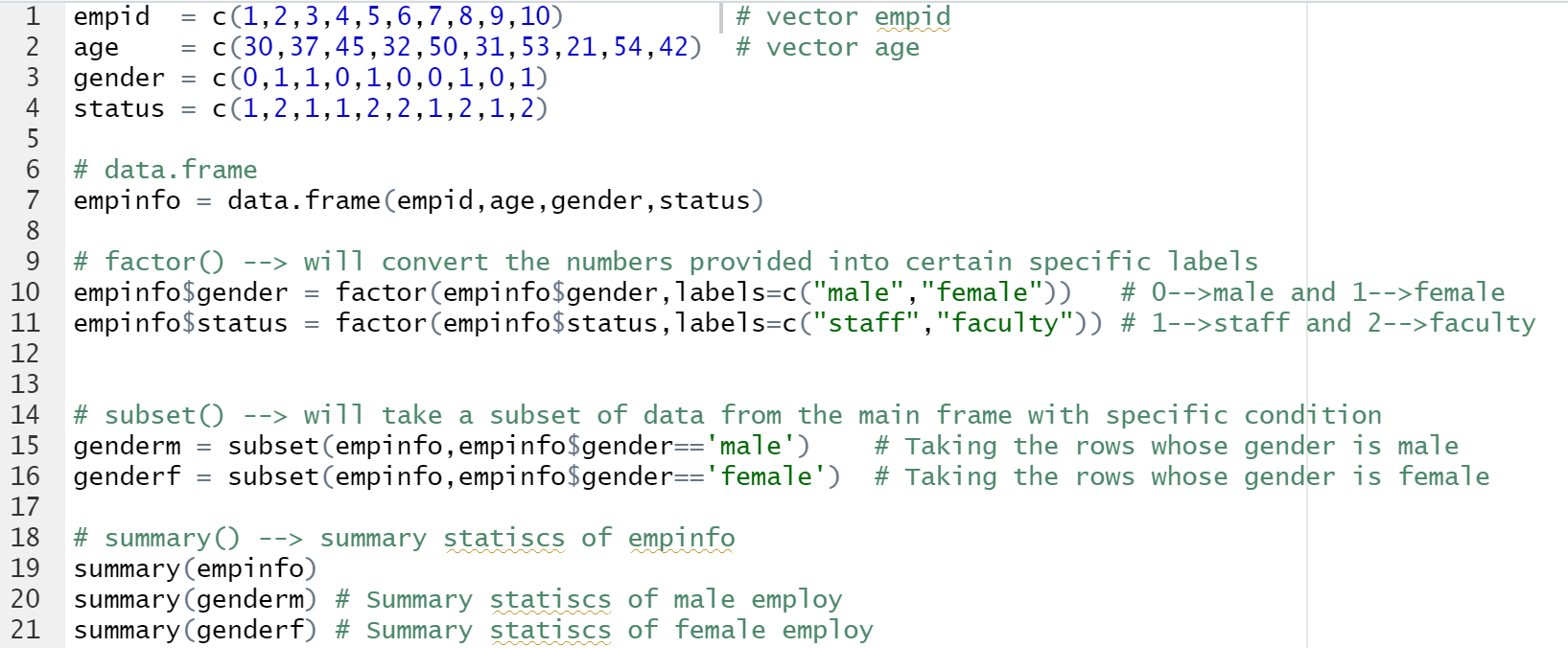


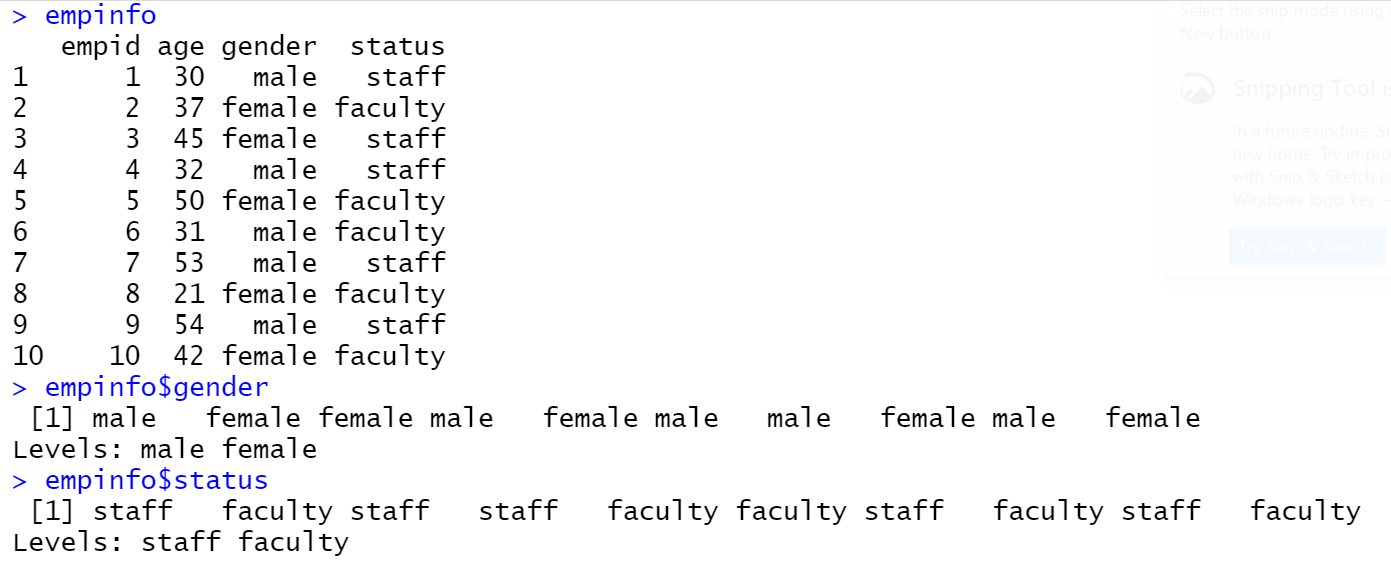


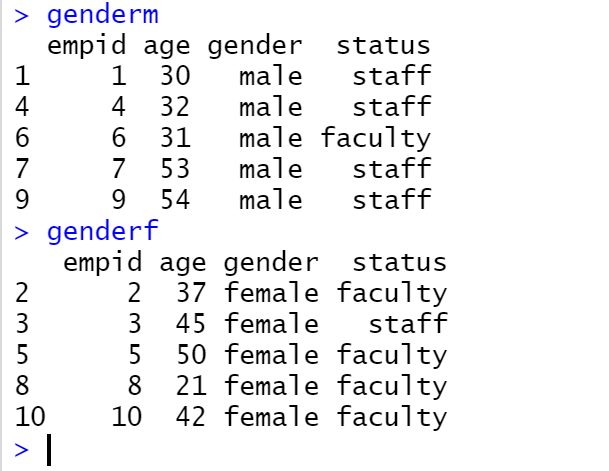


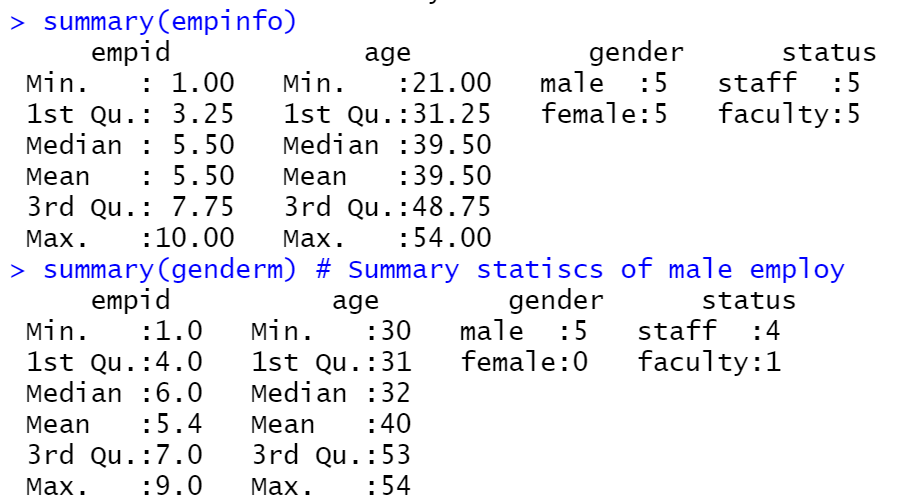


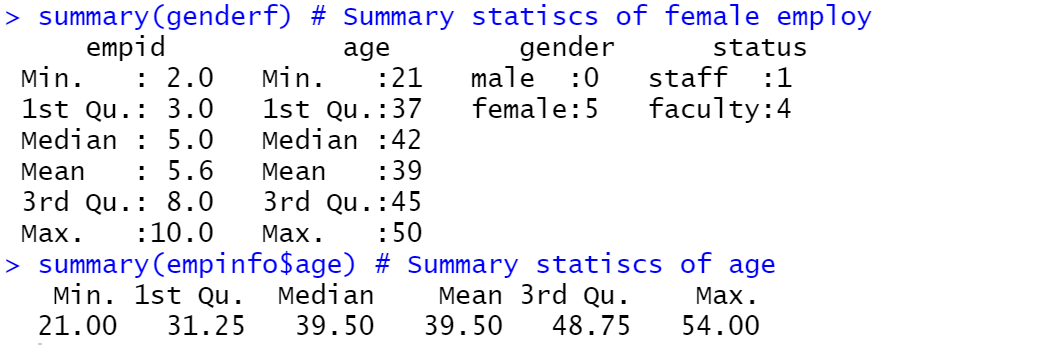
***(25th July 2020)***

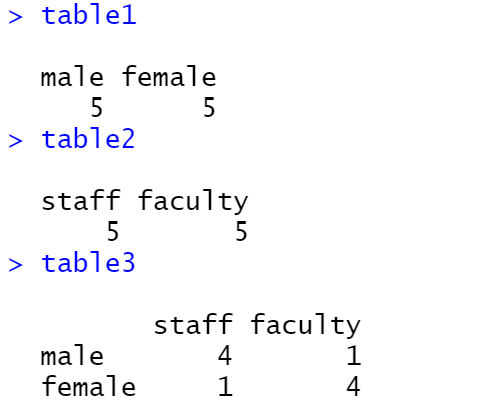


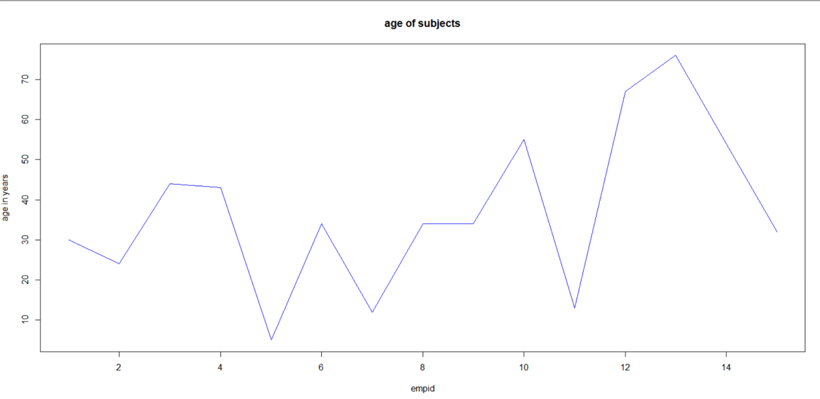


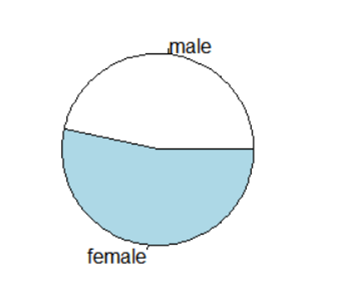


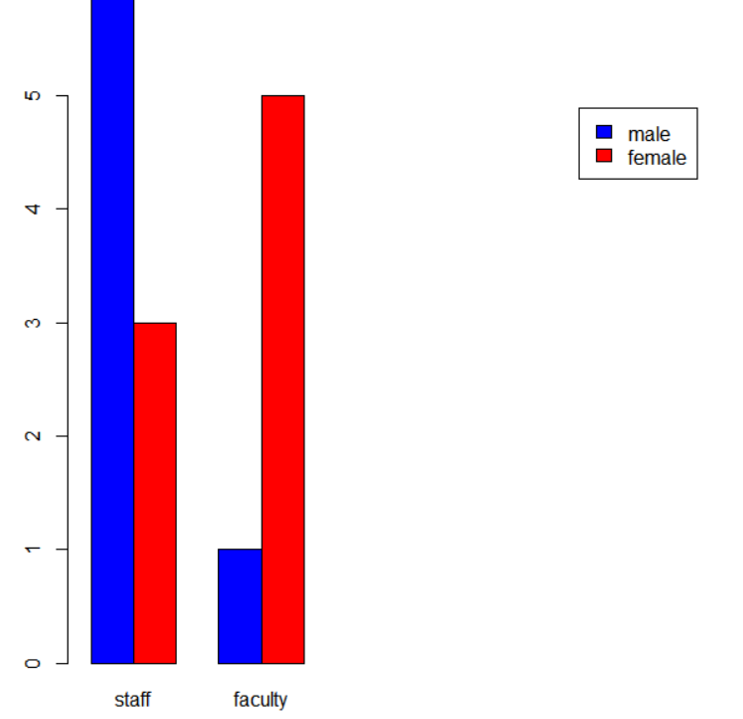


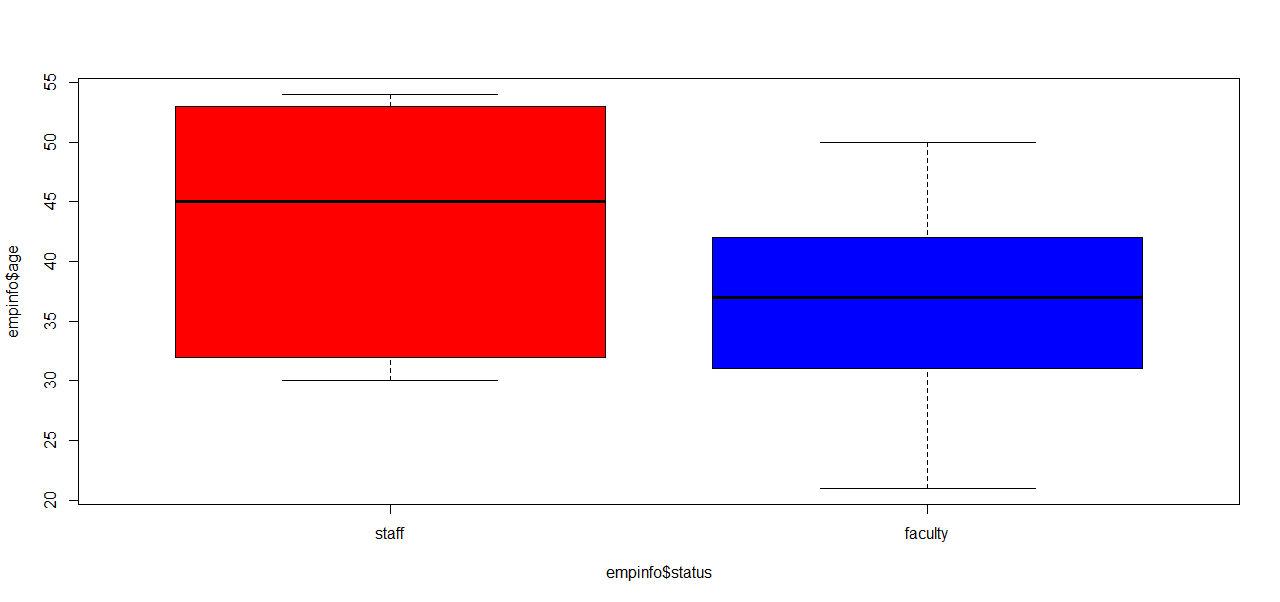




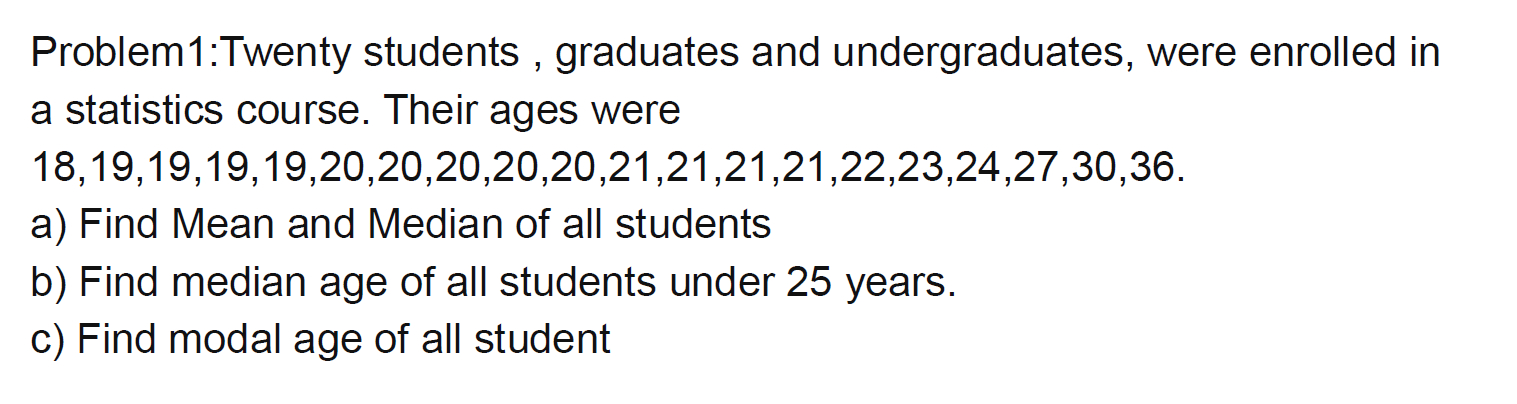


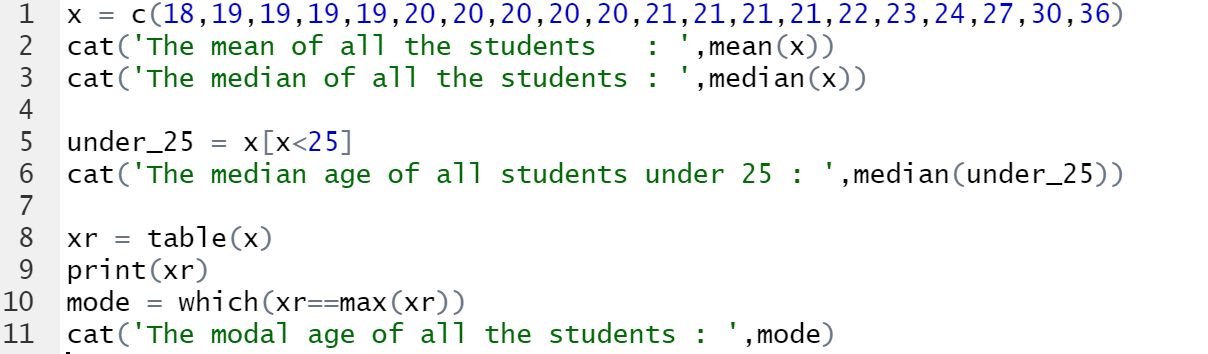


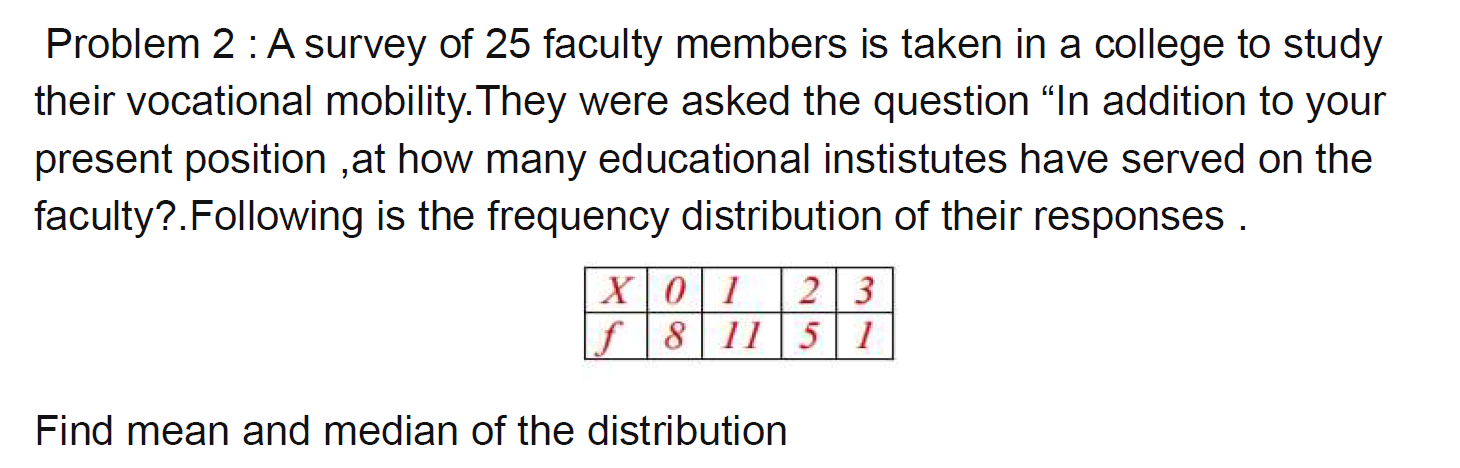


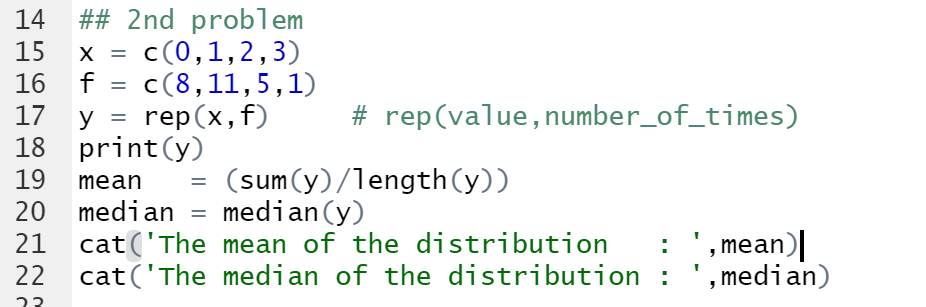
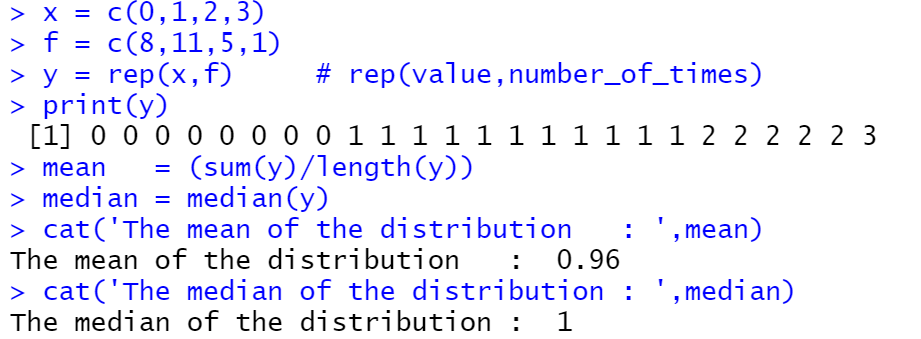


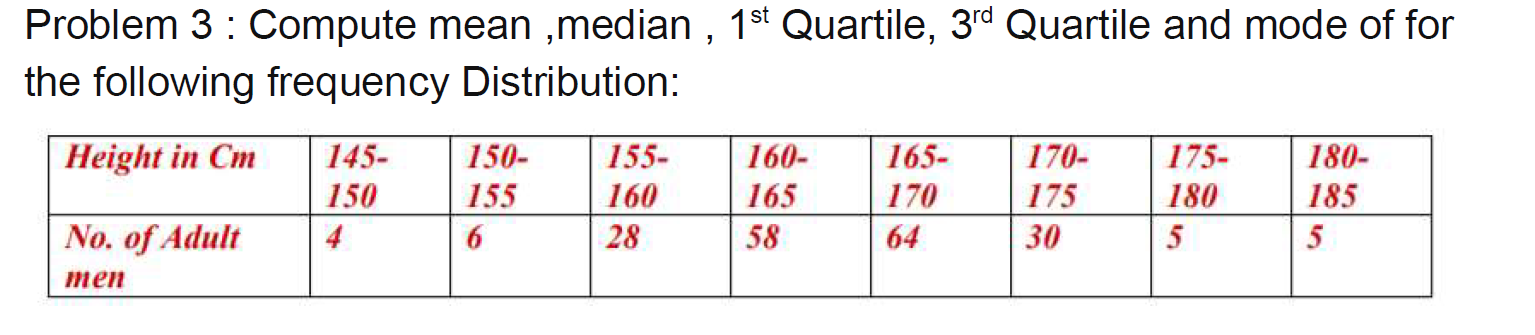
***(18th August 2020)***

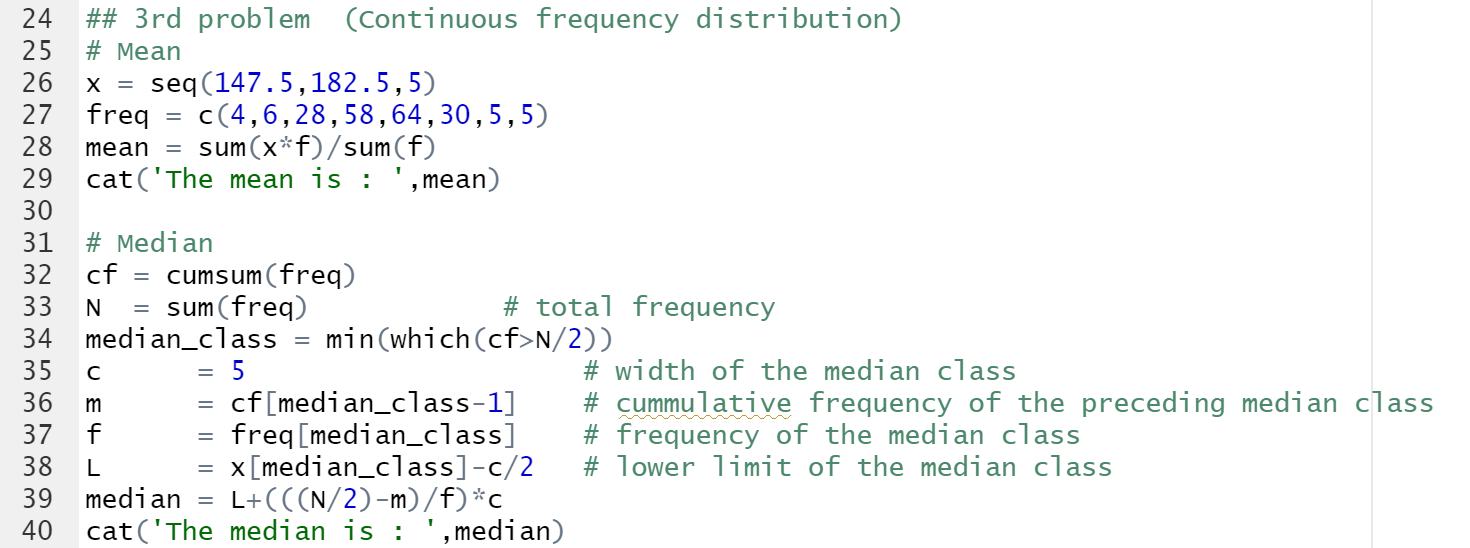
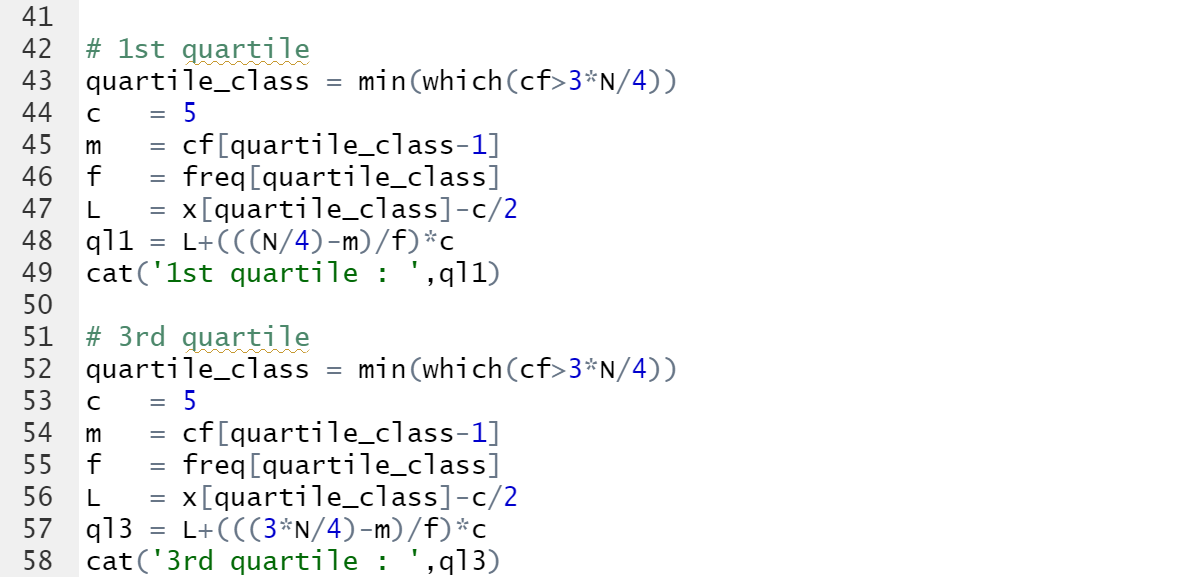
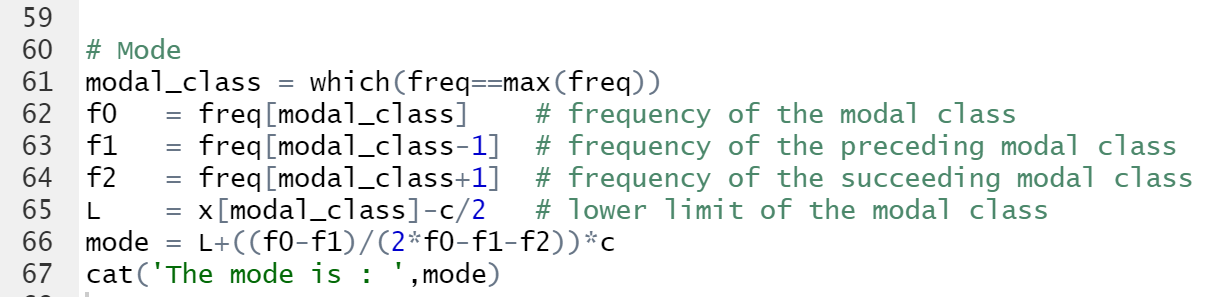


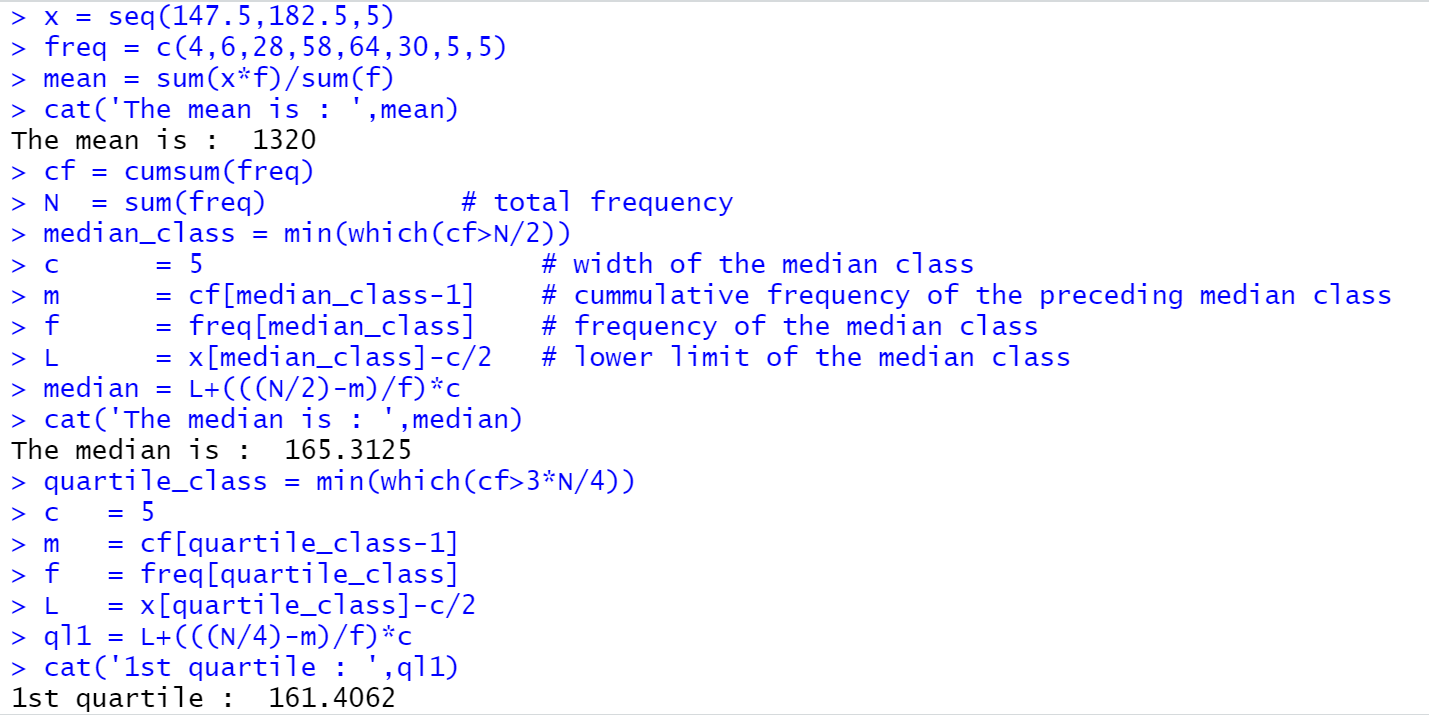
  

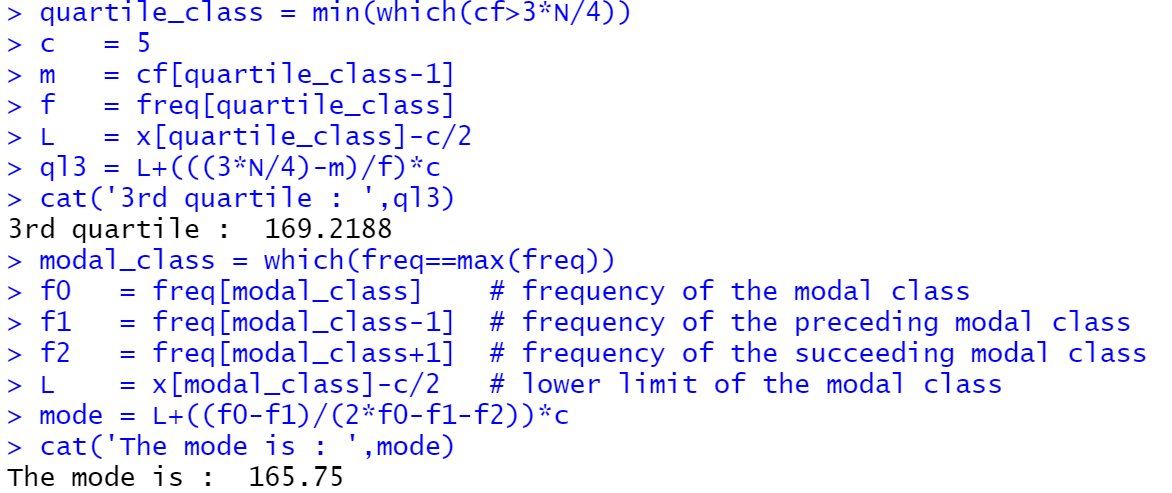



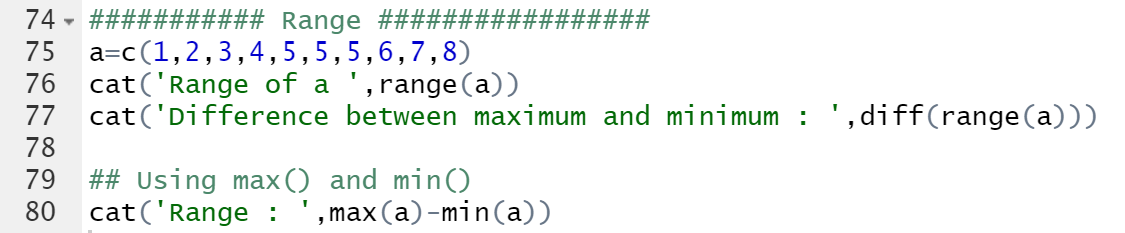
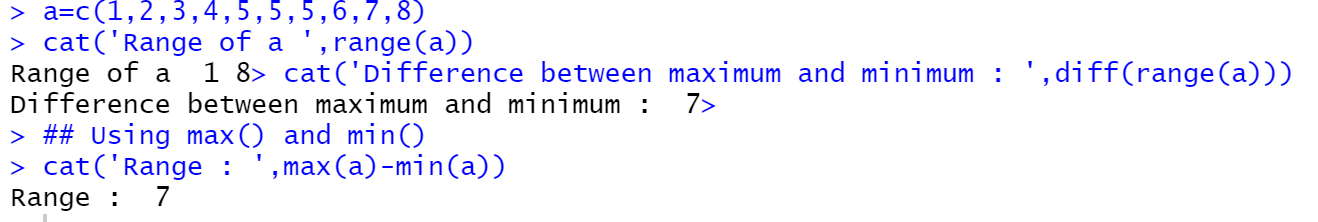
  


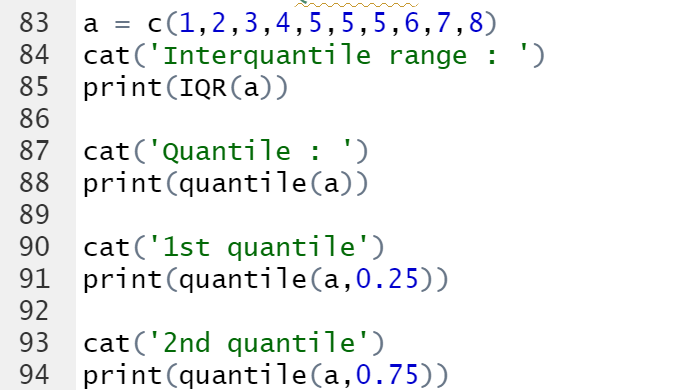


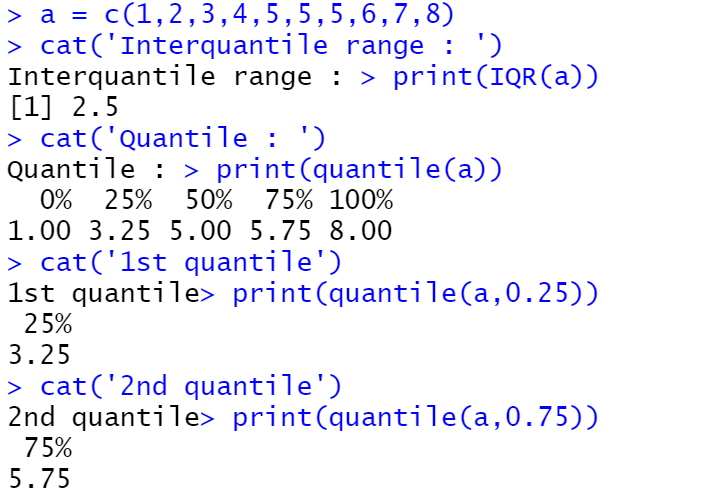
  
  


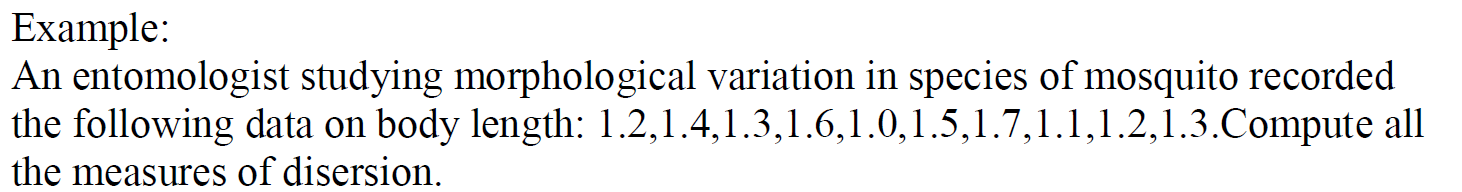




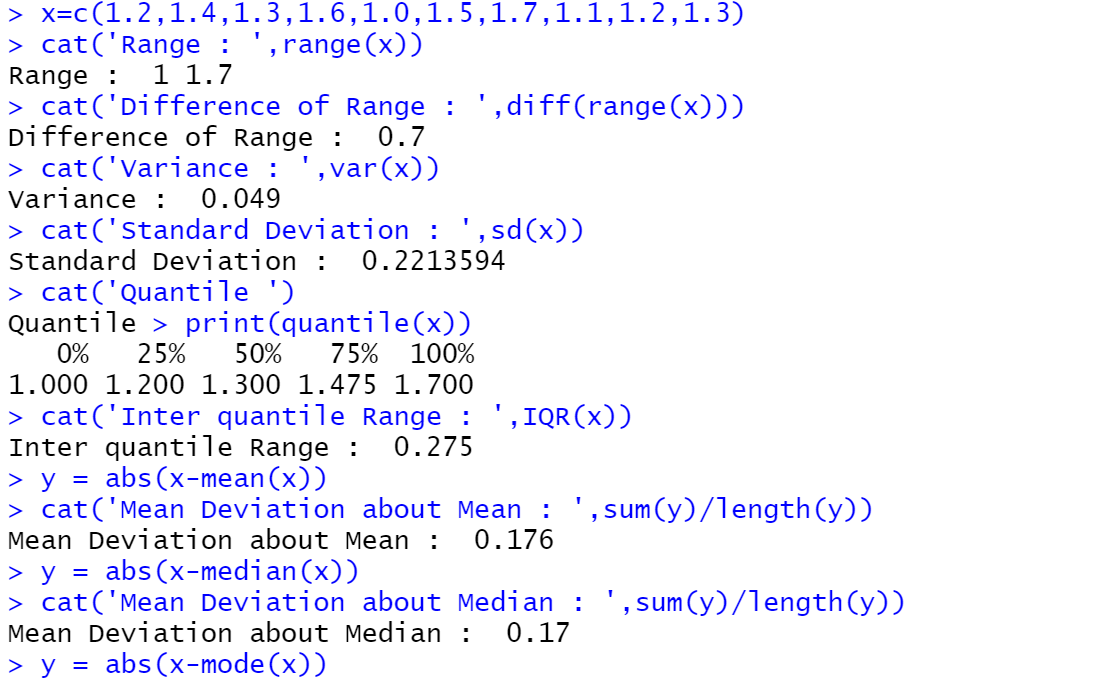
  




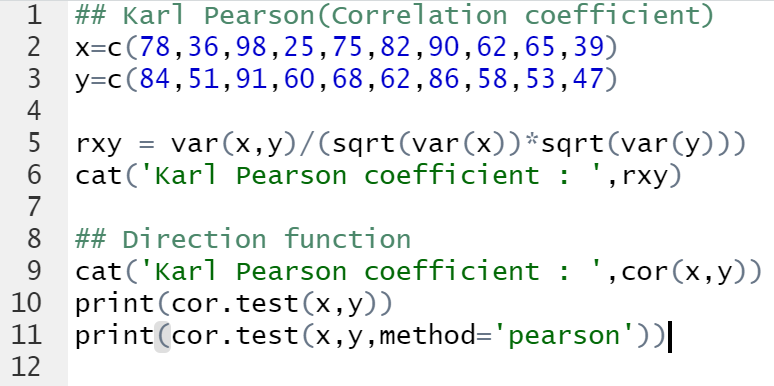


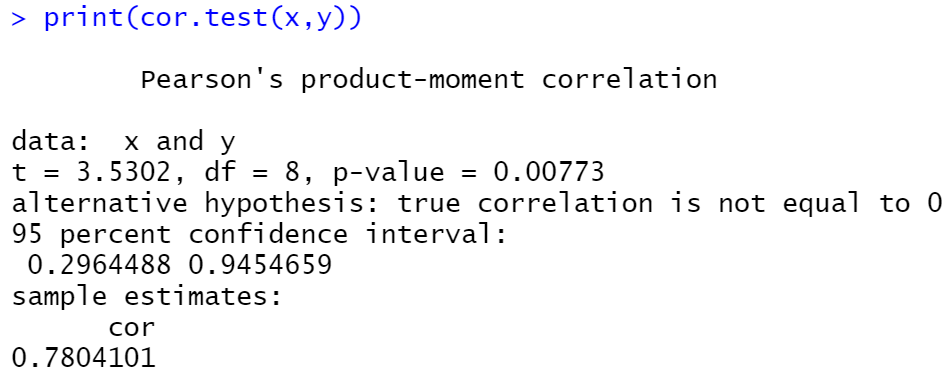
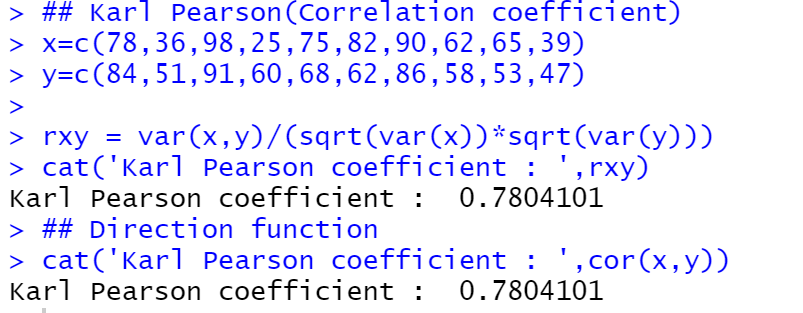


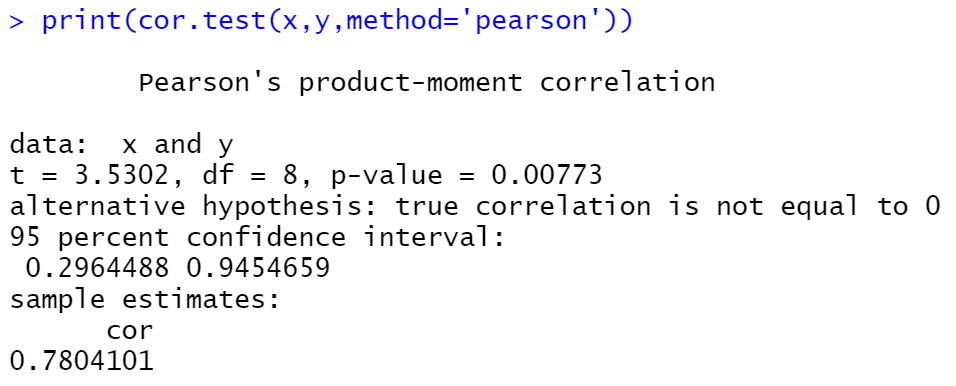


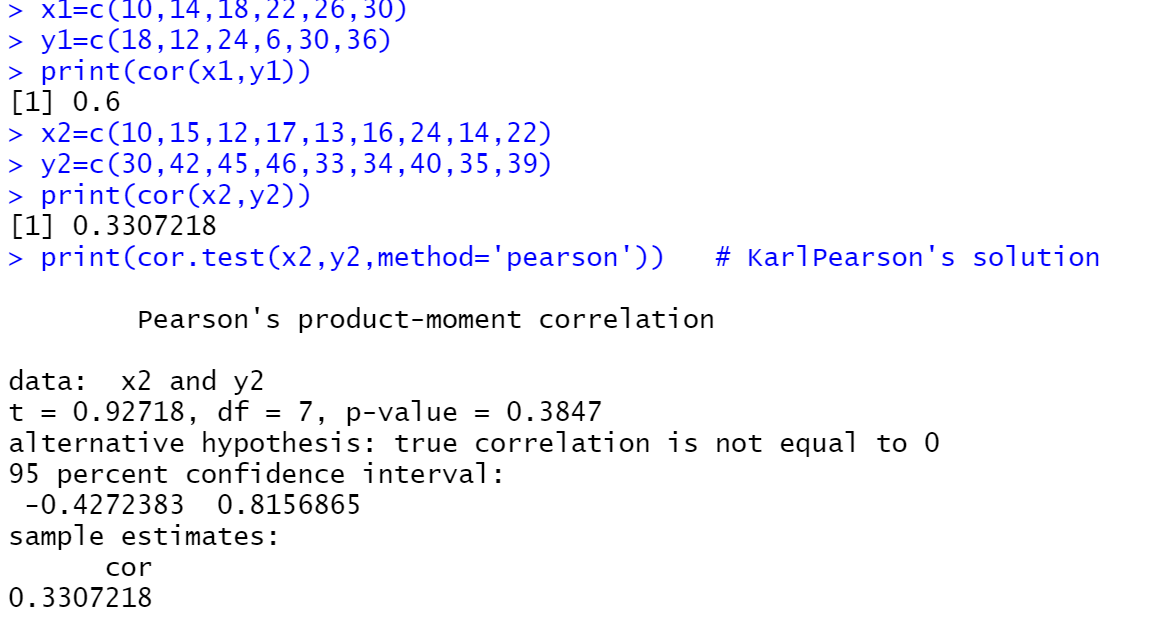
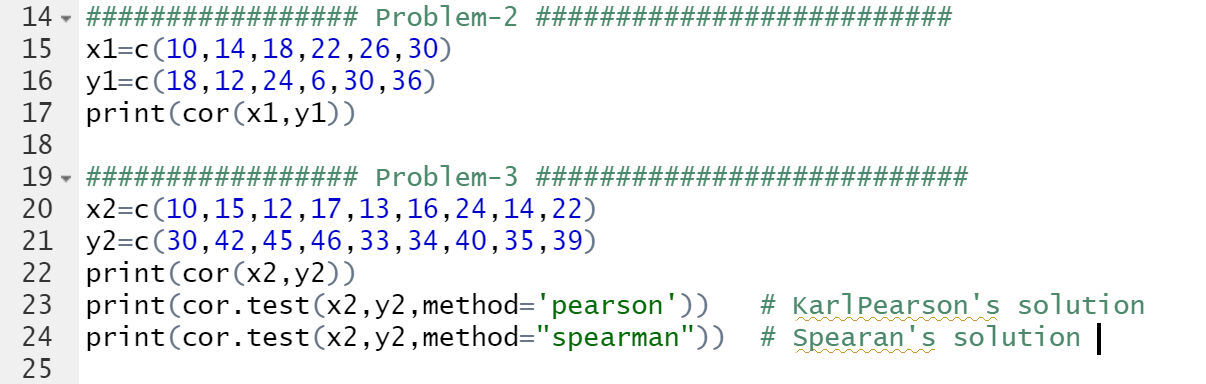


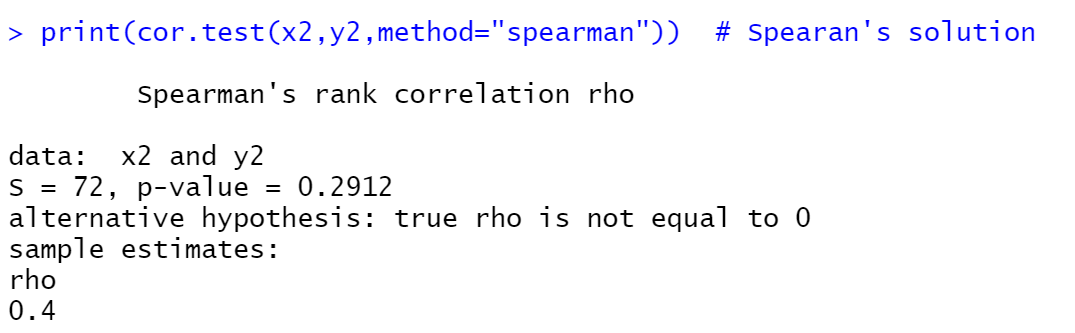
***1st September 2020***

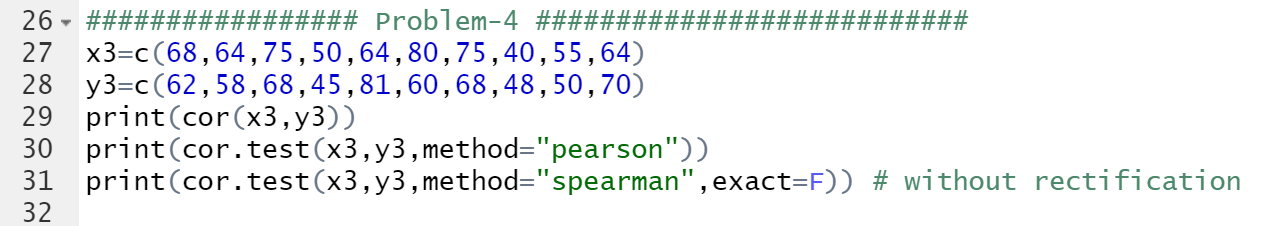


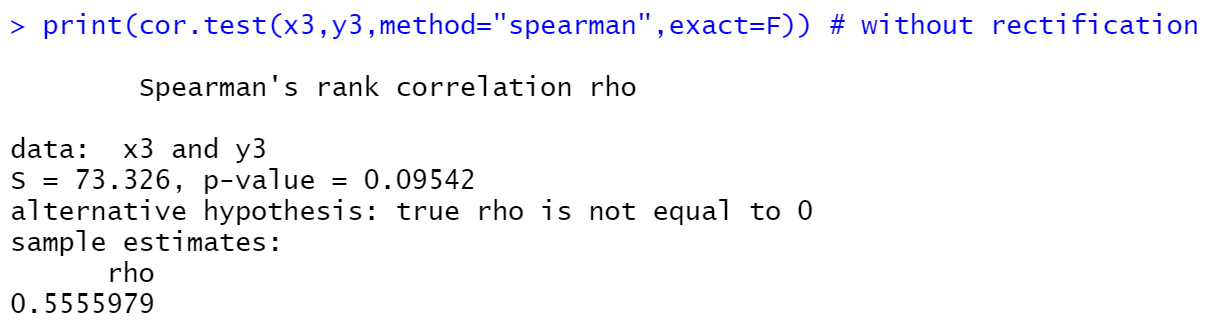
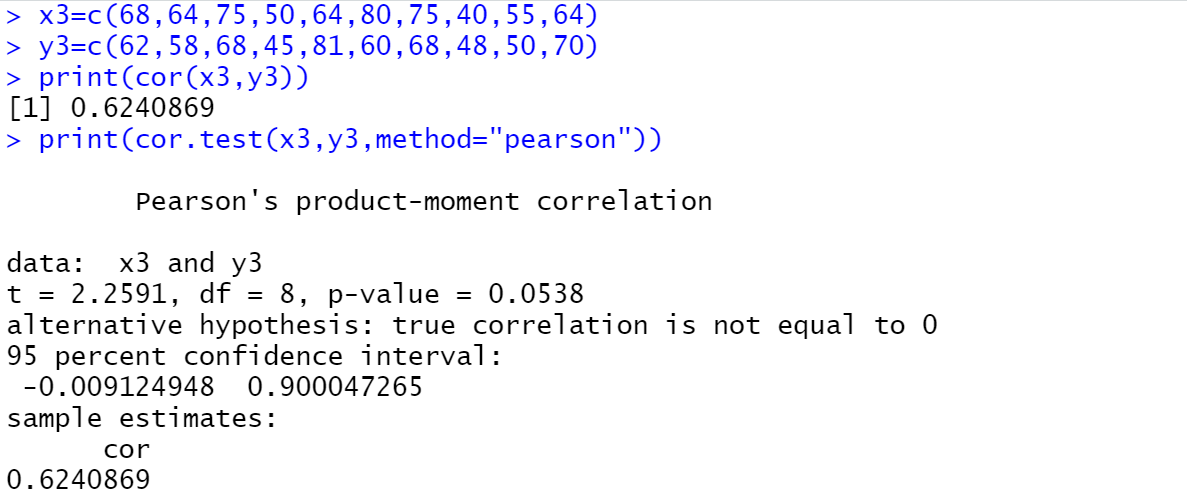


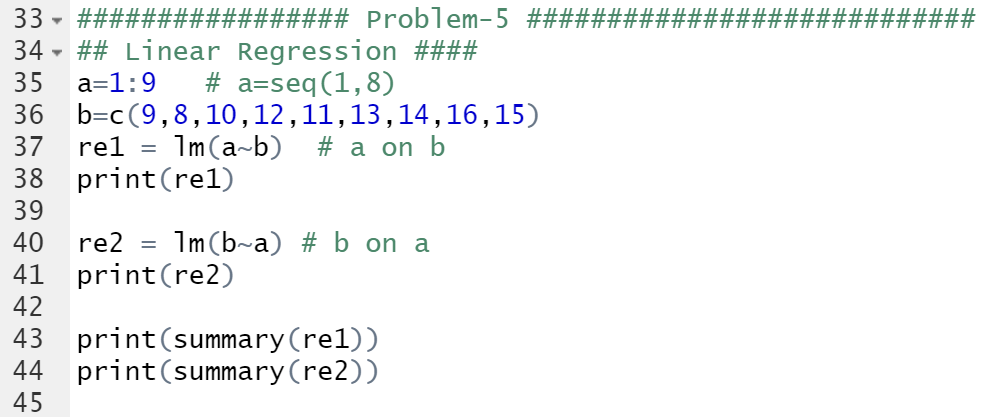


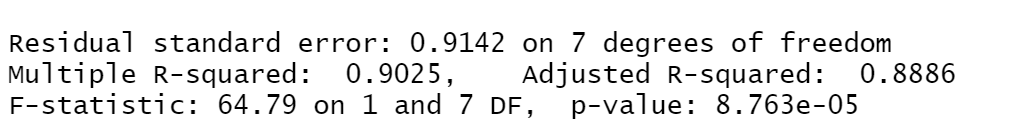
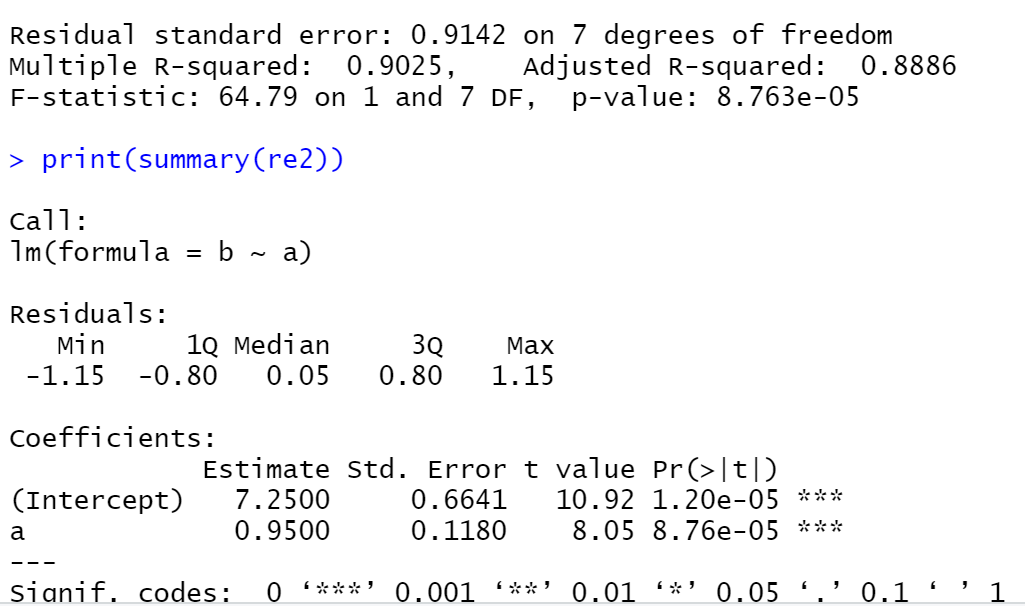
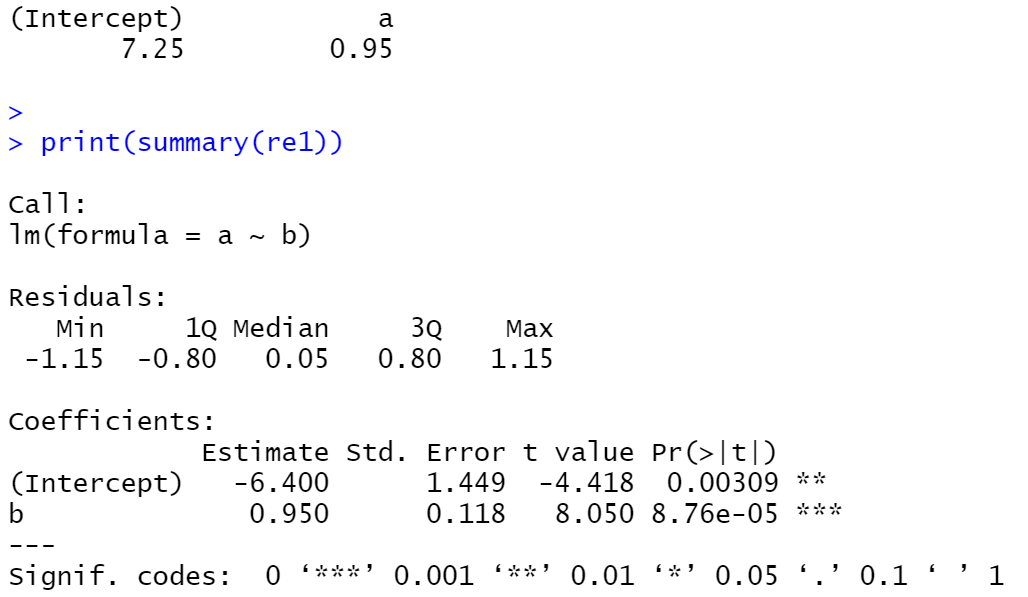
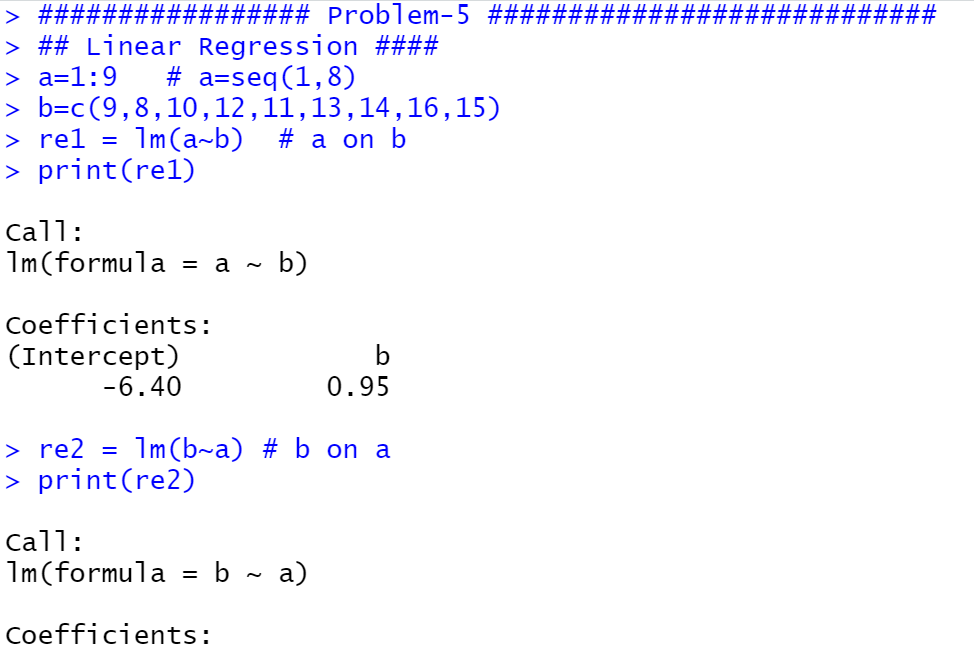


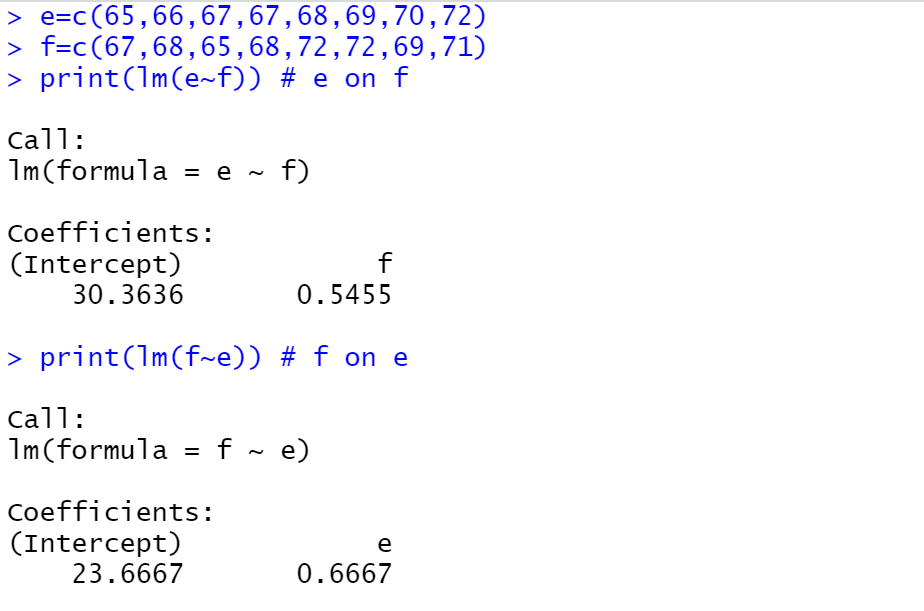
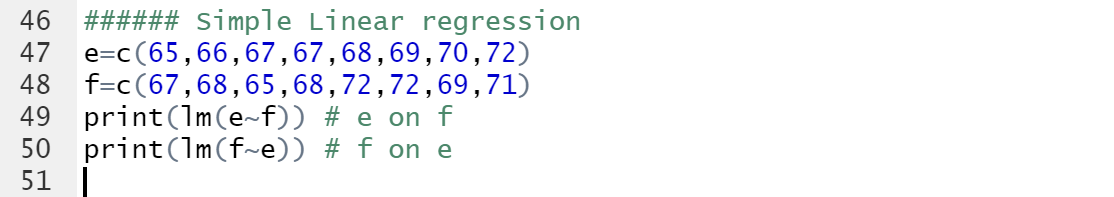


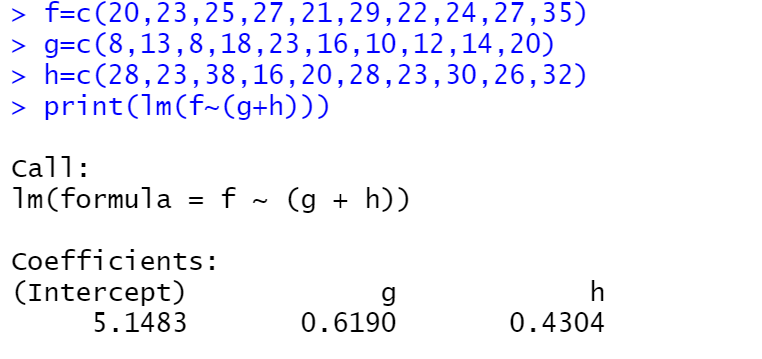
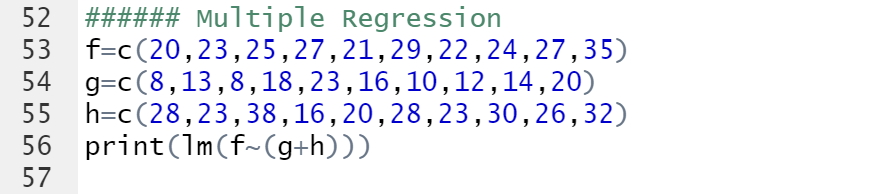






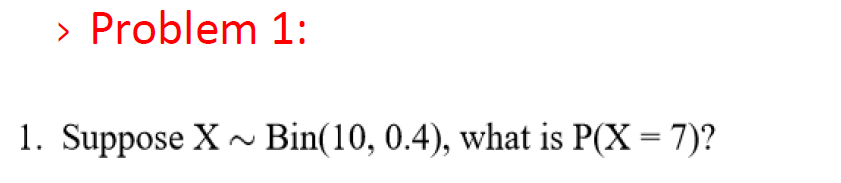


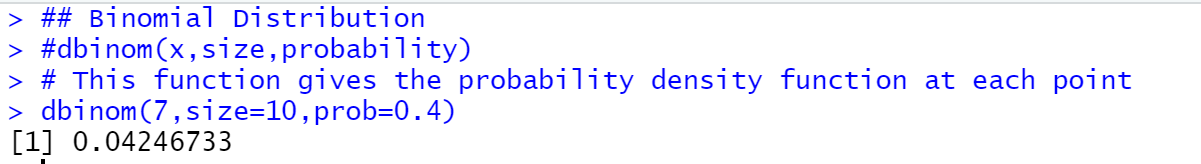


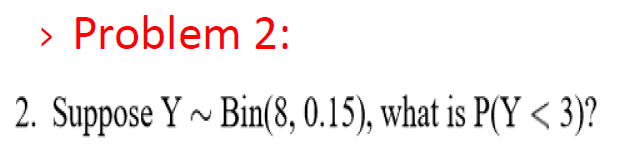


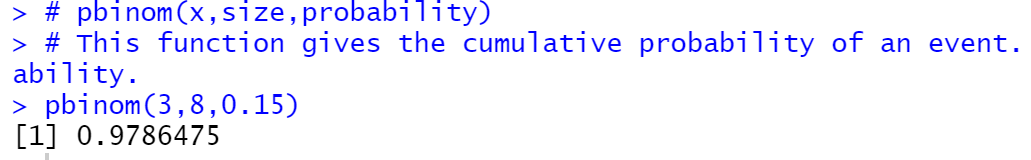
***8th September 2020***

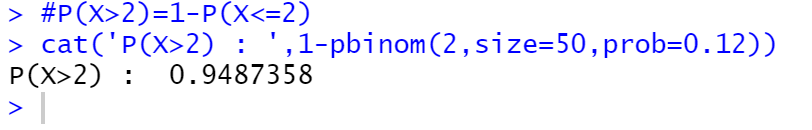
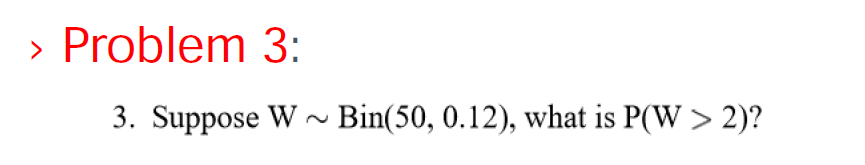
***Binominal and Poisson Distribution***

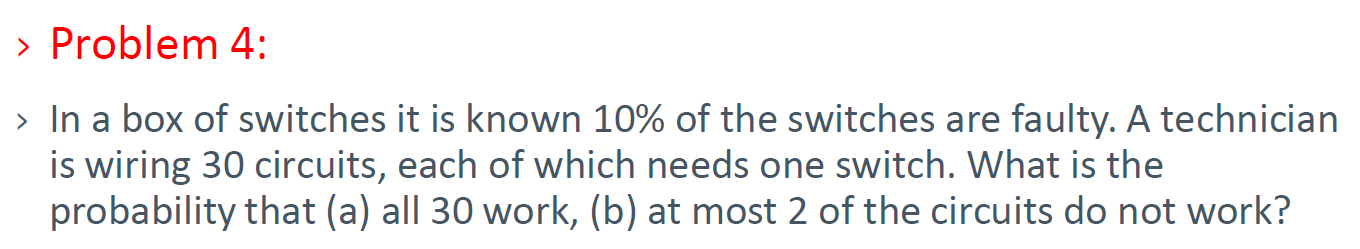




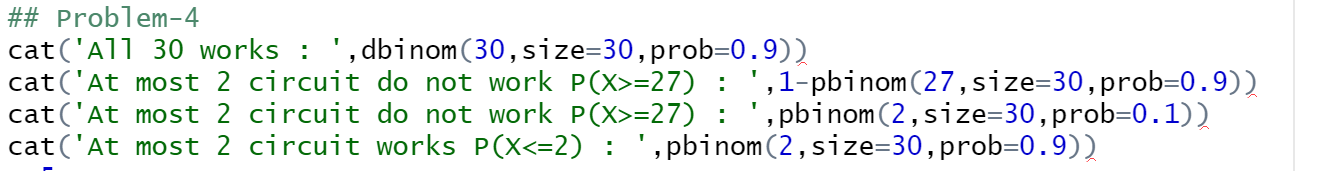


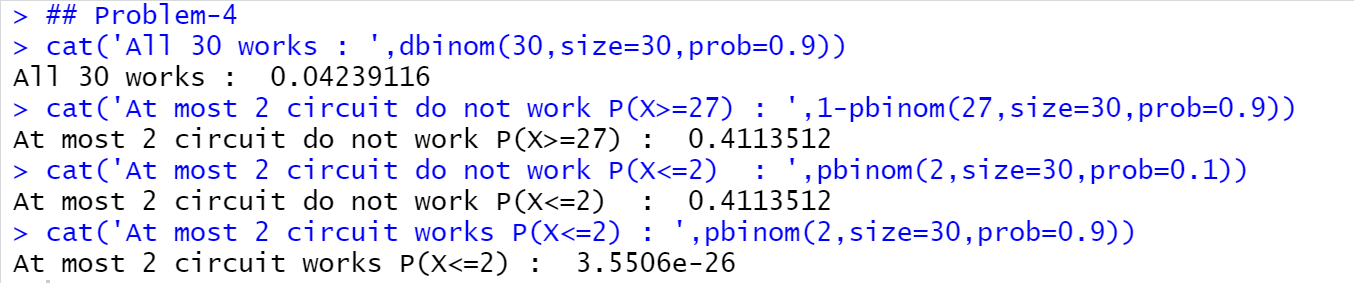


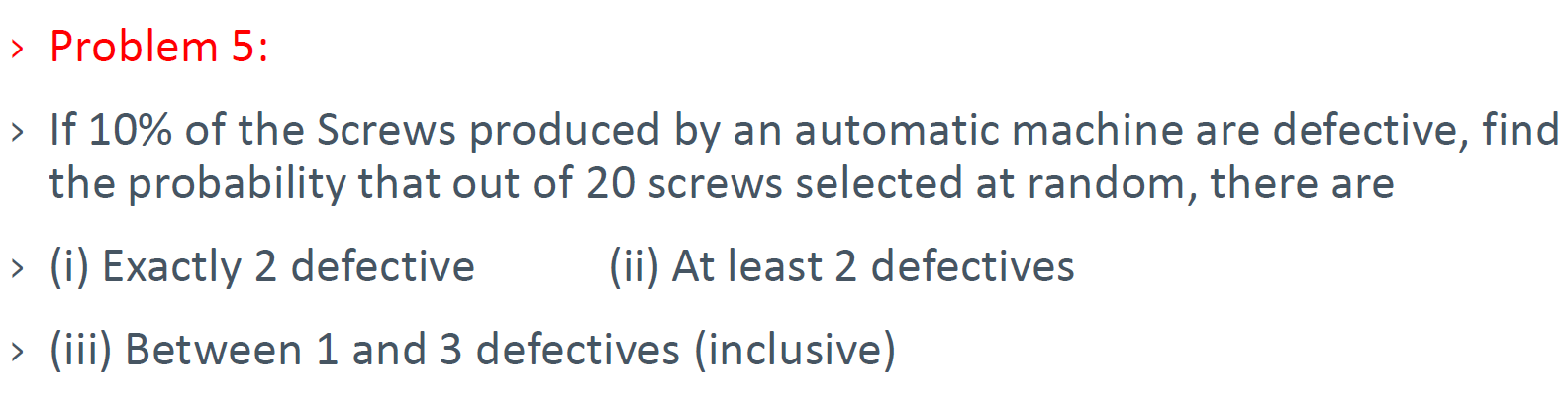


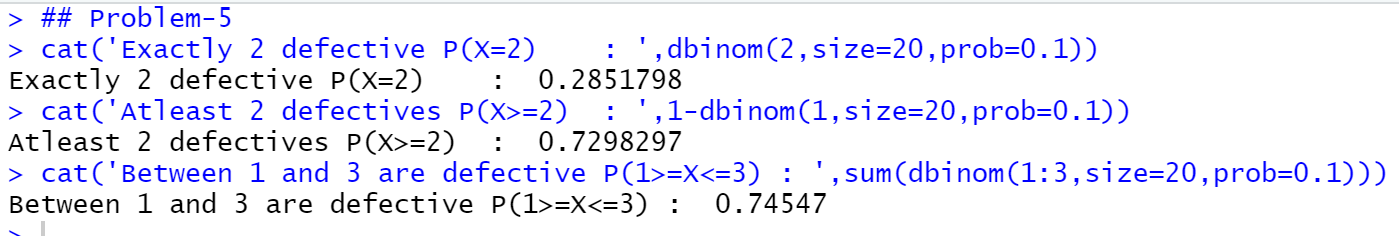
c)at-most 2 of the circuit works : P(X<=2)

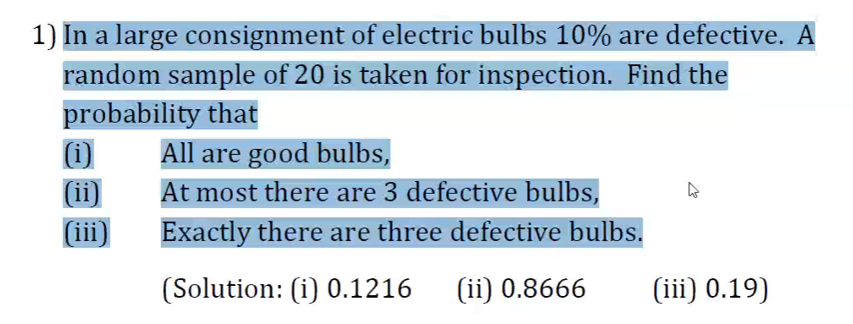
Probability of failure(i.e switches are not working) 🡪 10% (0.1)  
Probability of success(i.e switches are working) 🡪 90% (0.9)

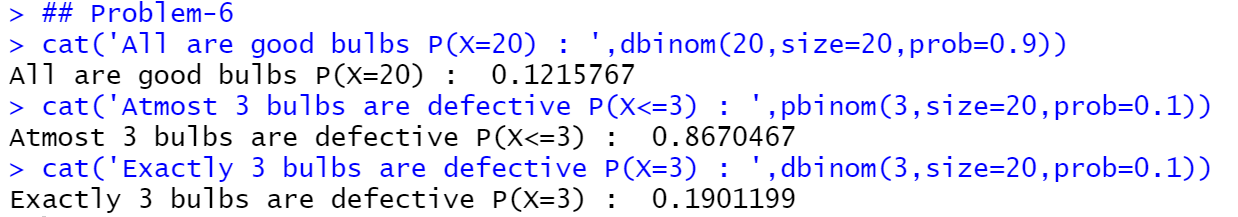


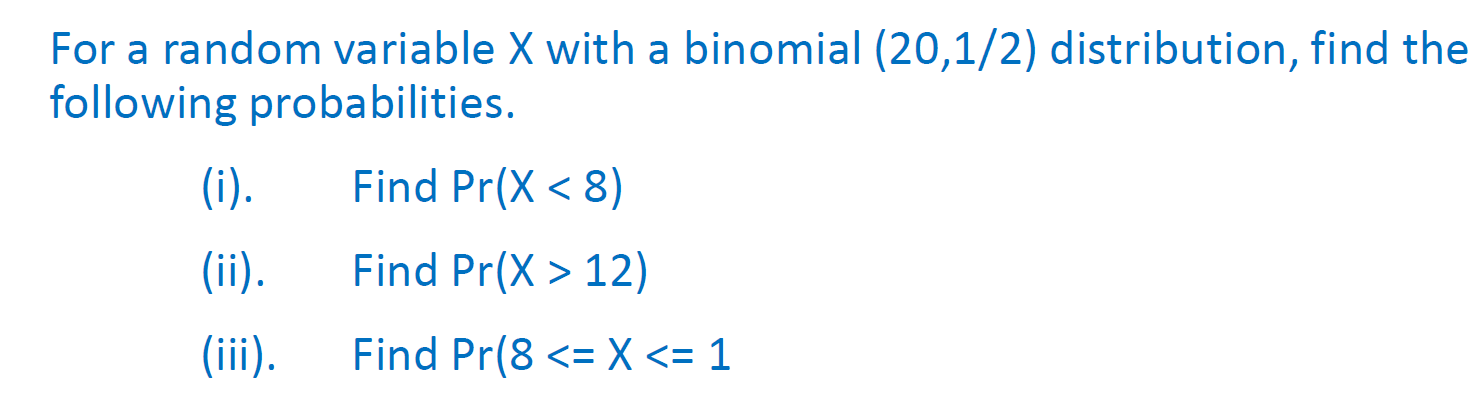
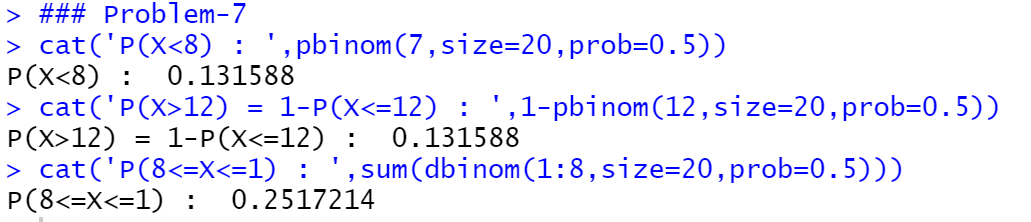


  
Probability of success (i.e defective screws) 🡪 0.1

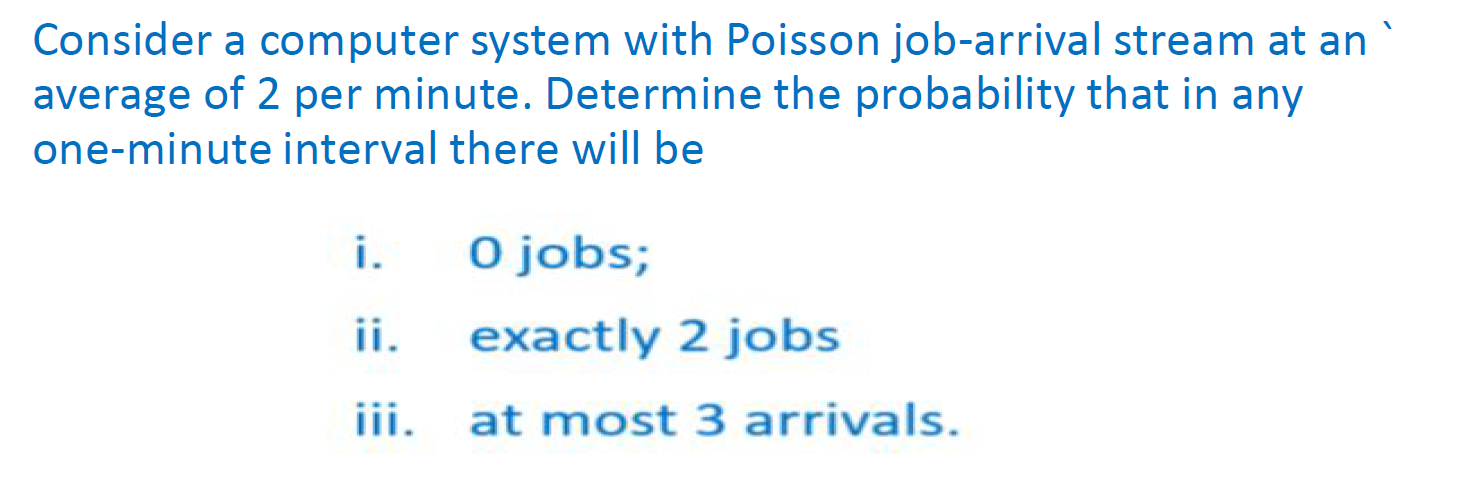
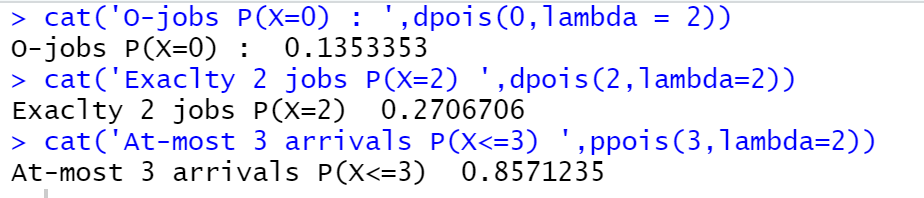


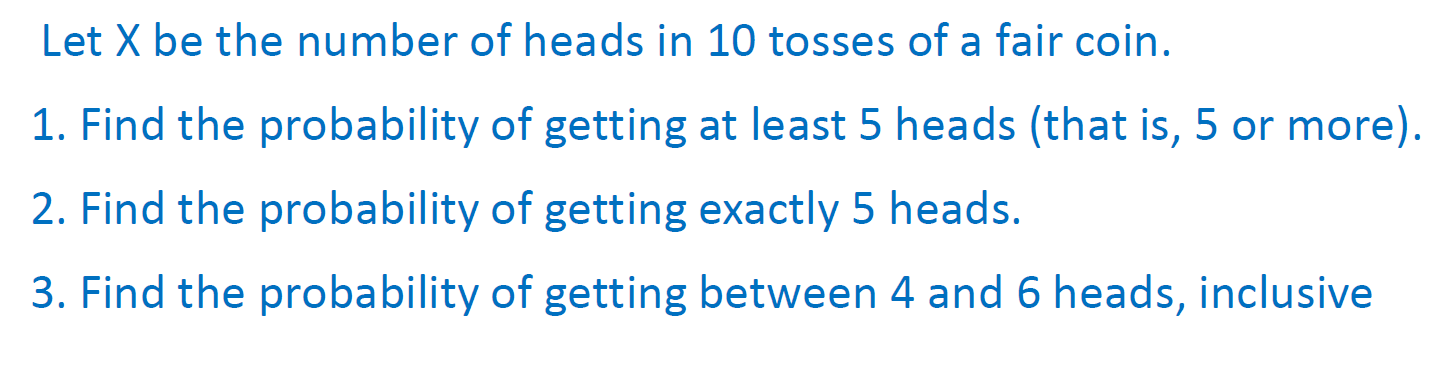
  
Probability of defective 🡪 10% (i.e 0.1)  
Probability of good bulbs 🡪 90% (i.e 0.9)

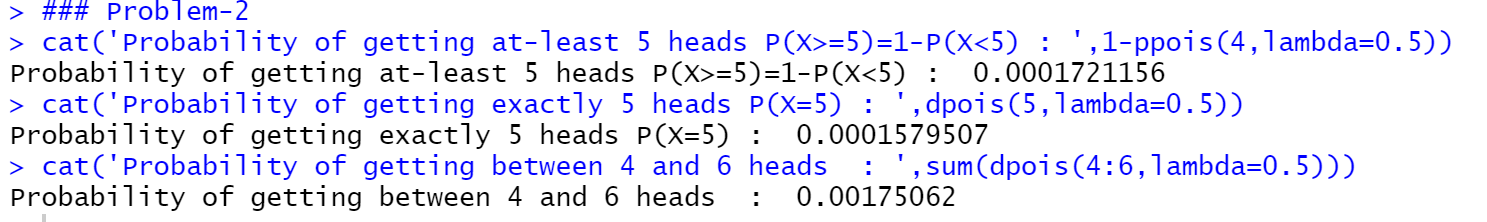


Poisson Distribution

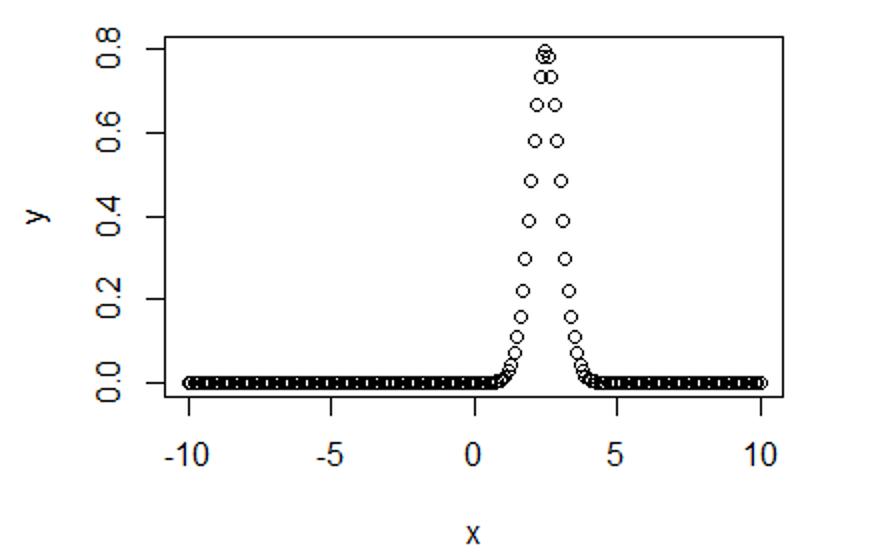
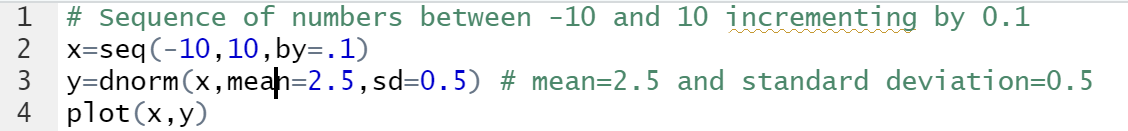
  


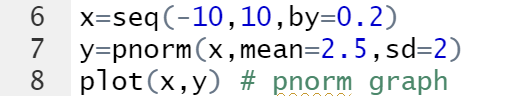


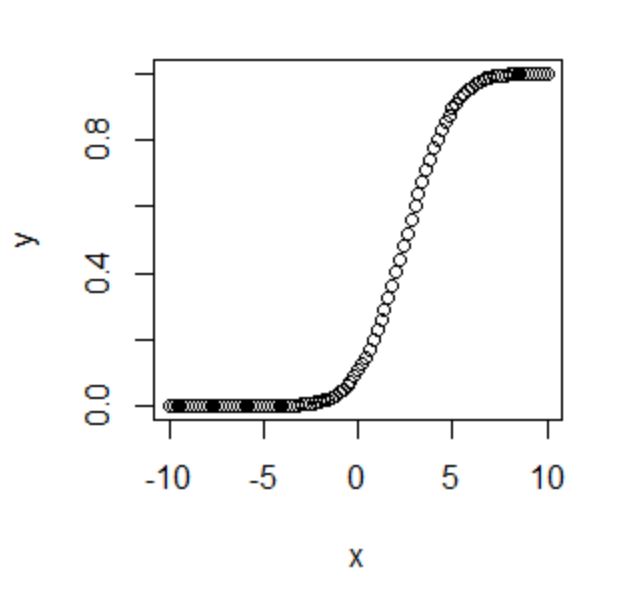


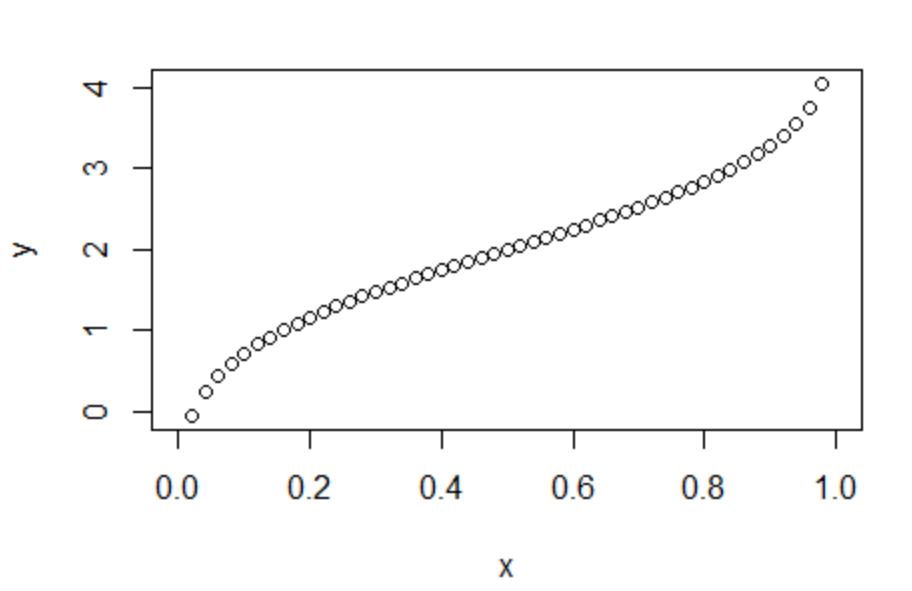
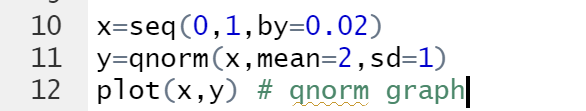
***22th September***

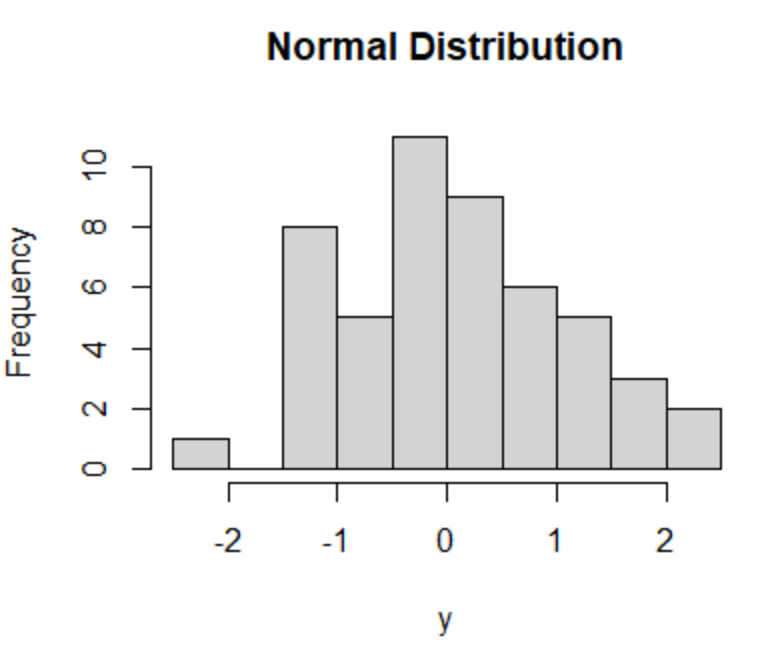
***Normal Distribution***



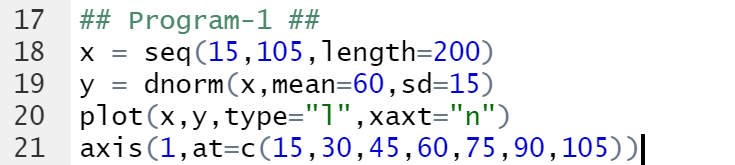




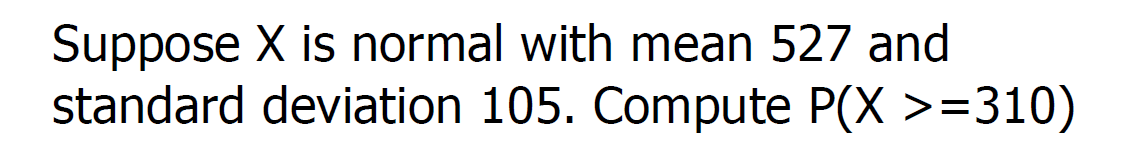


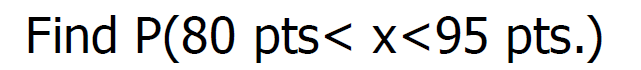
Program-1  
Draw a normal distribution with the mean=60 and standard deviation=15.





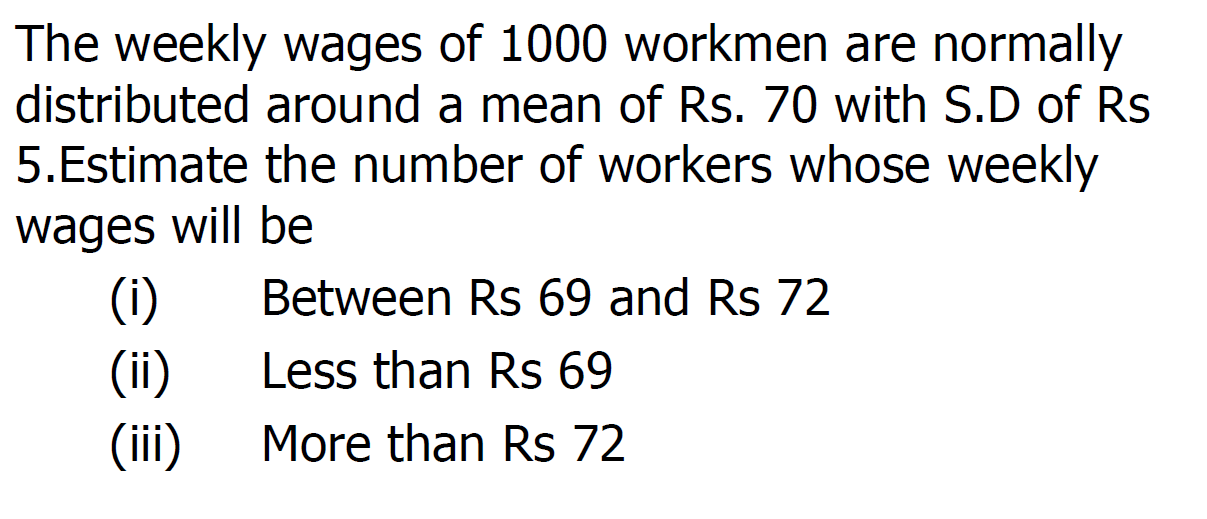
1)   

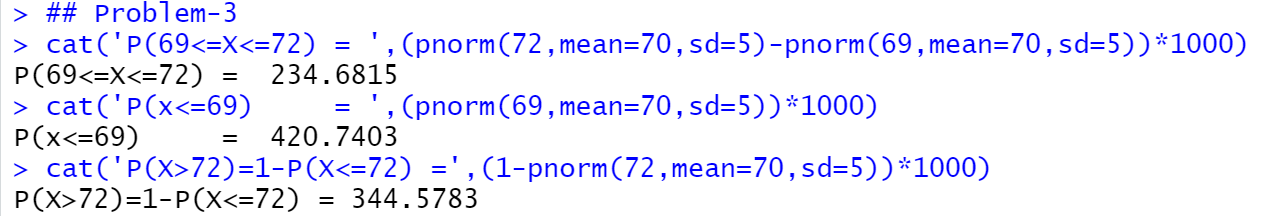

2)

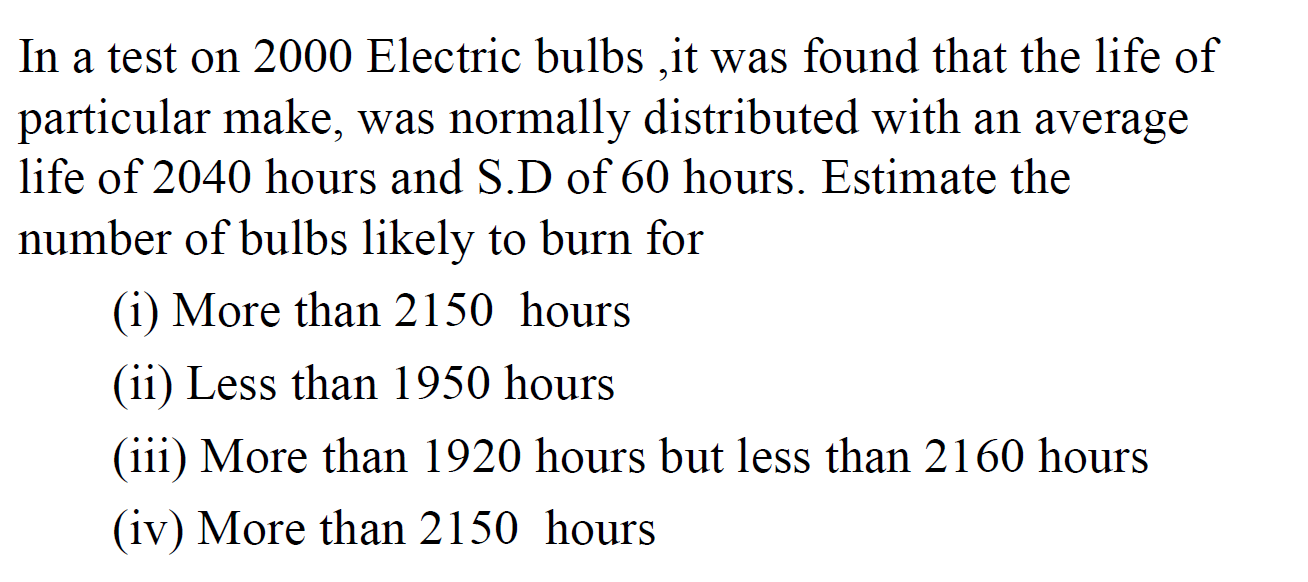


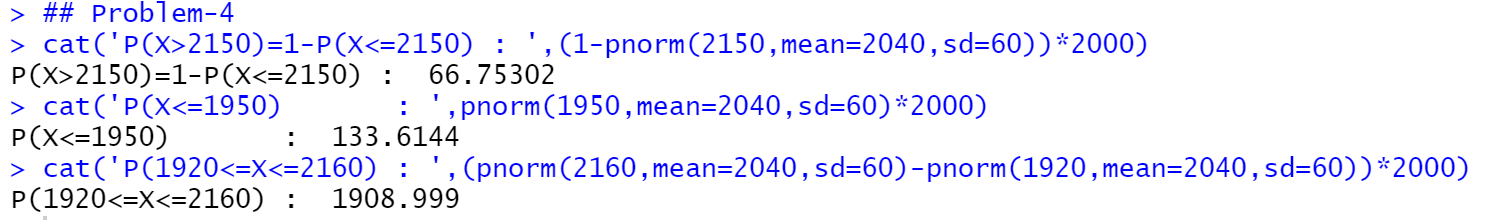


3)

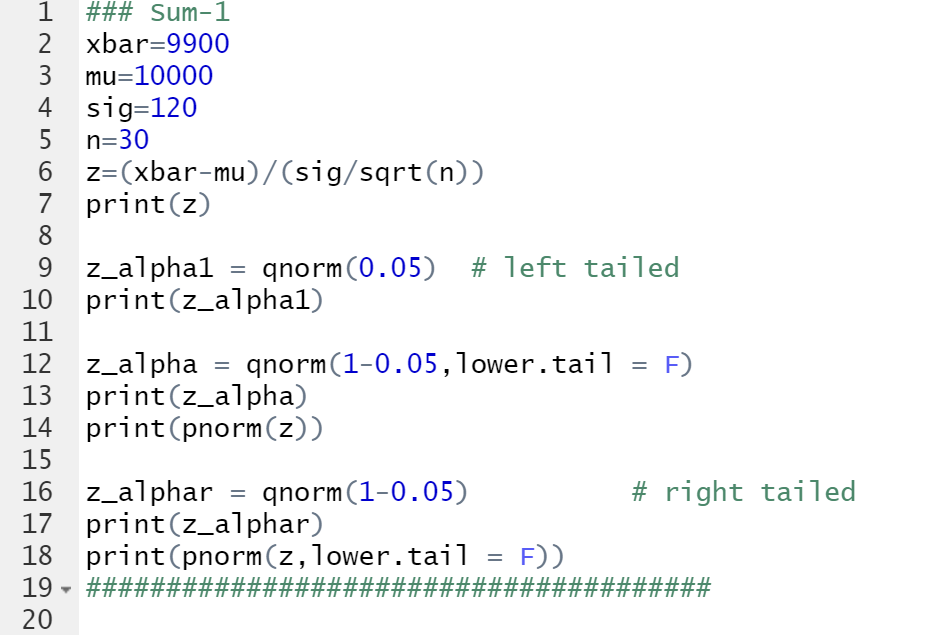


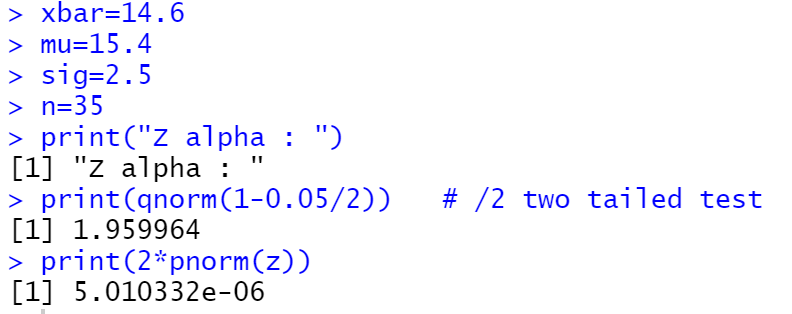
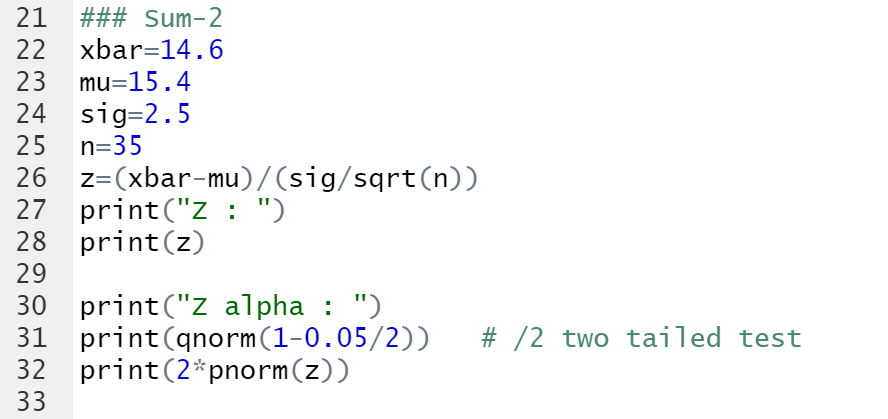


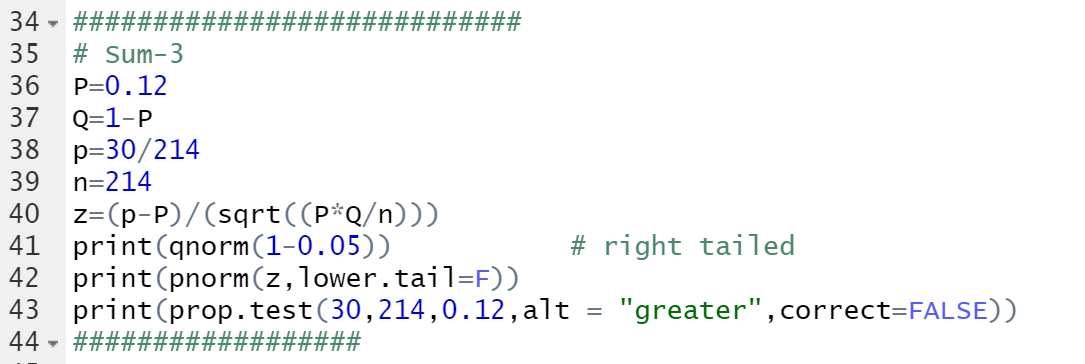
4) 

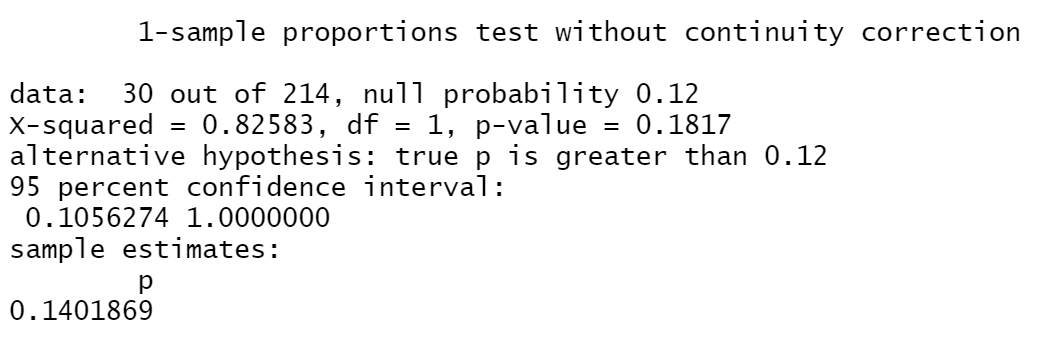
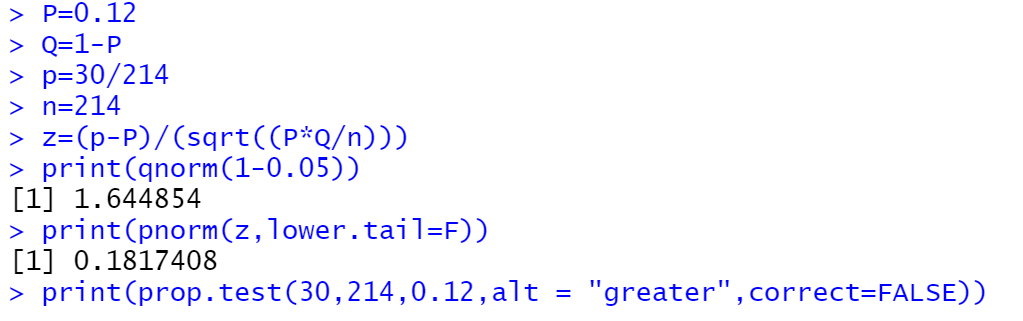


***6th October***

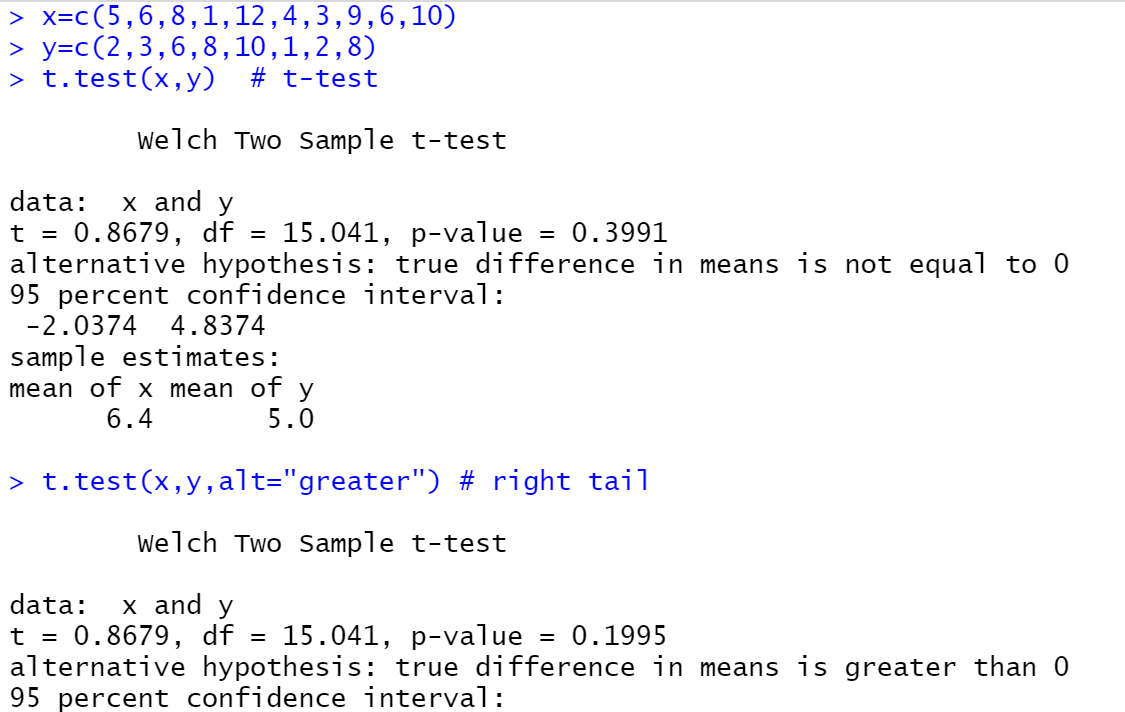
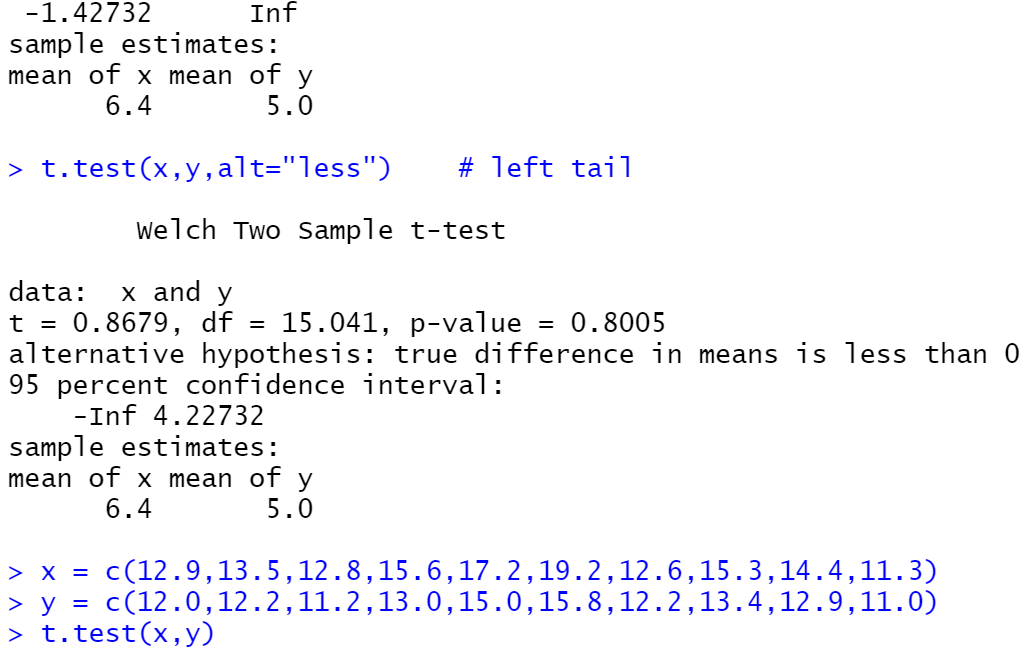
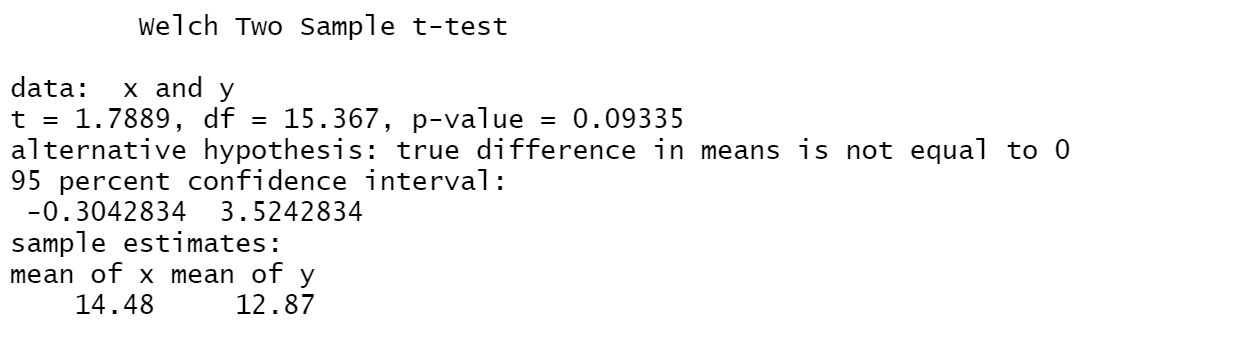


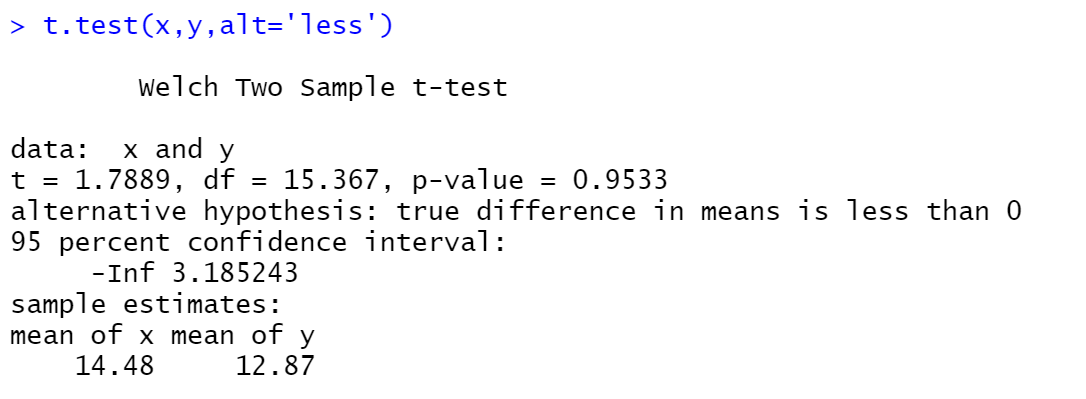


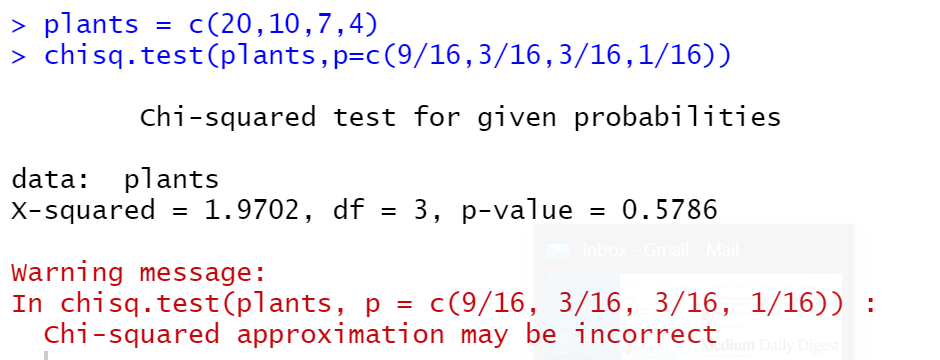


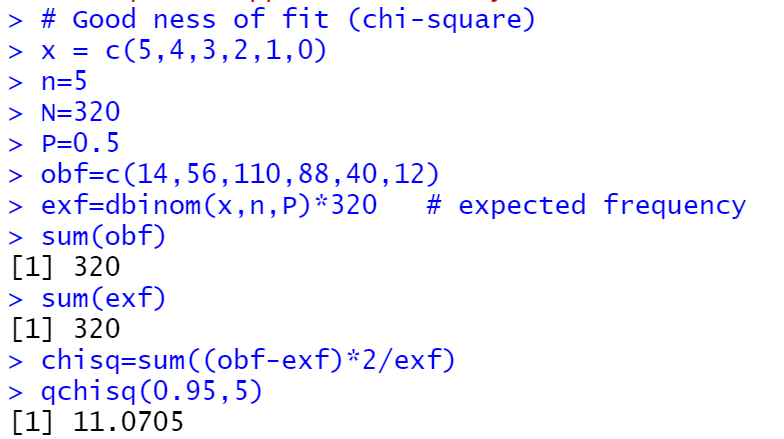


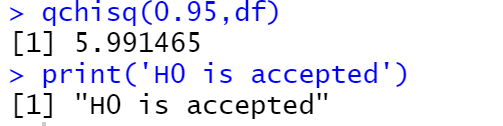
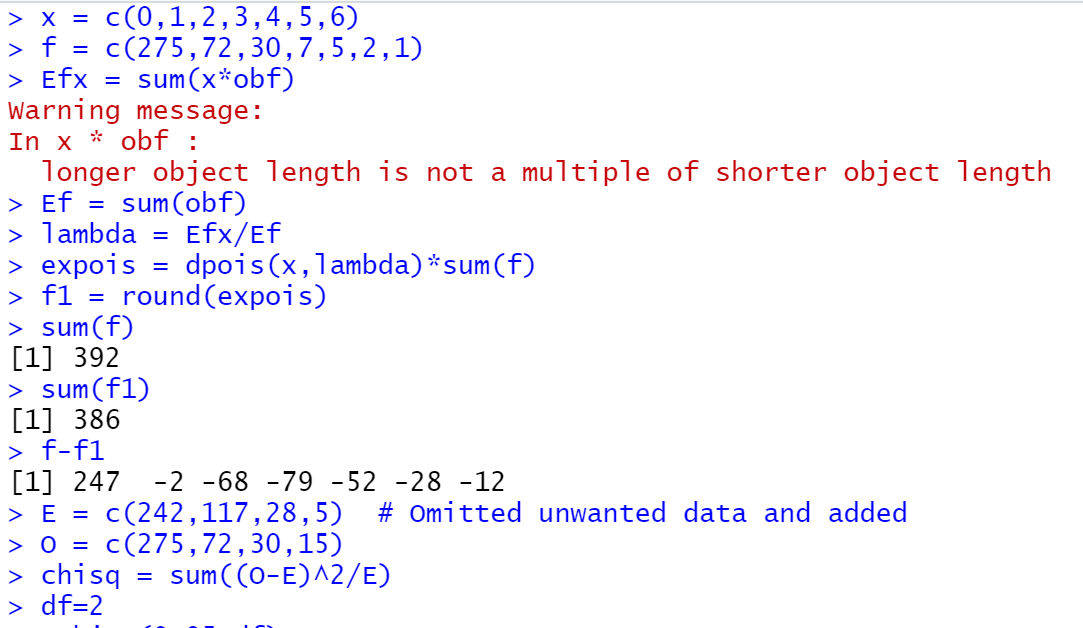
***13th October***

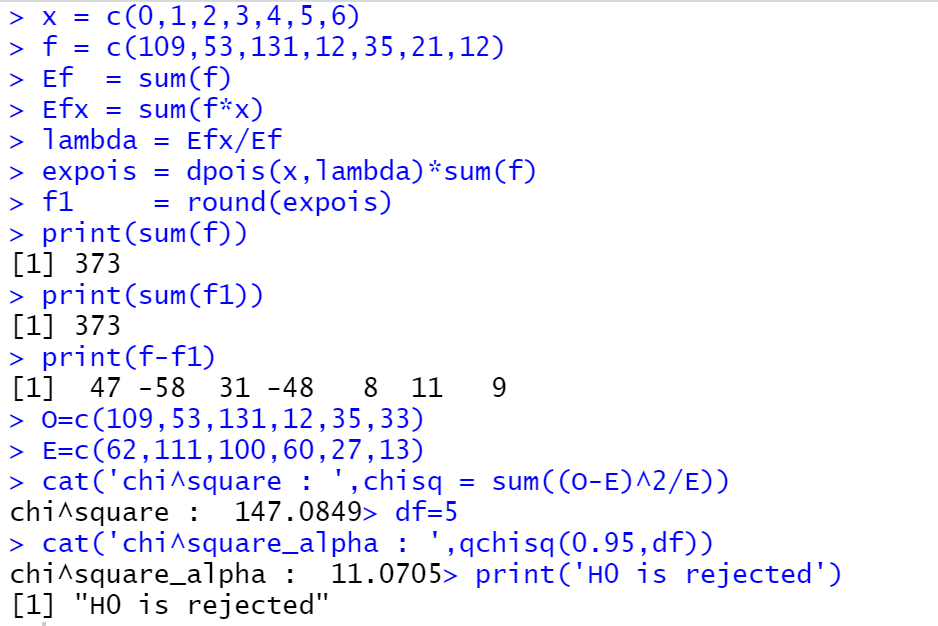
   












***20th October***

