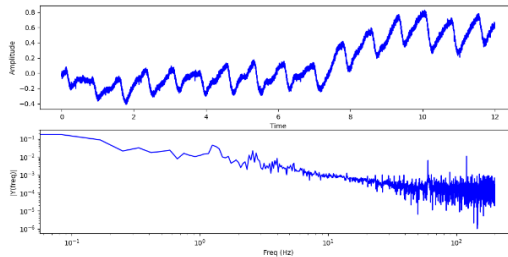
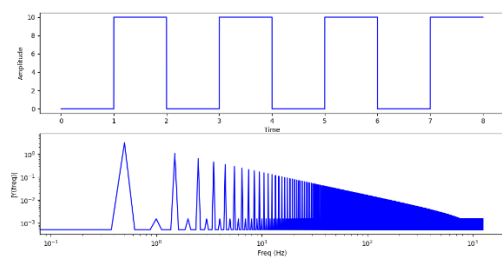
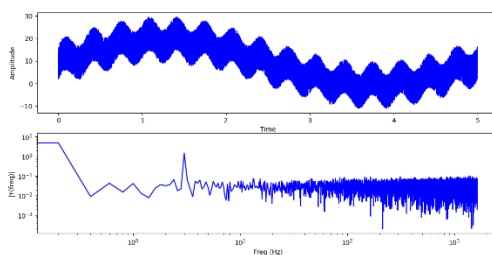
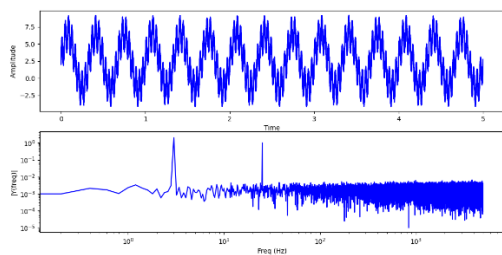
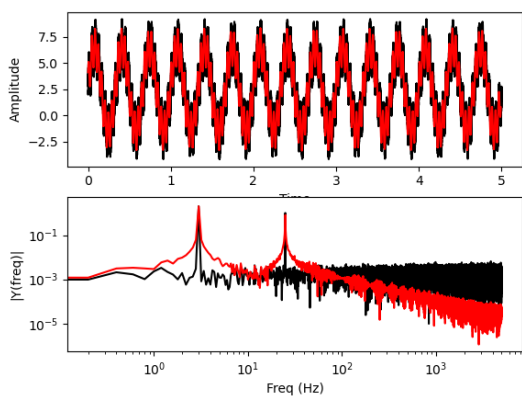


Q4.

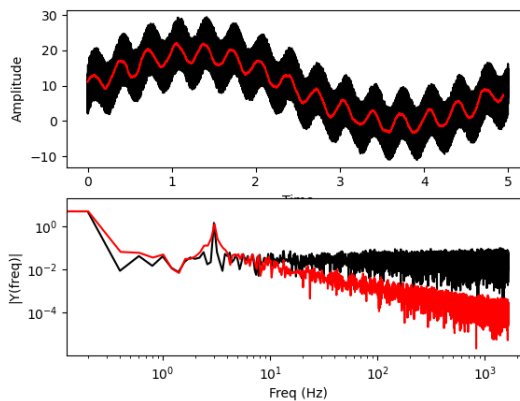


Q5

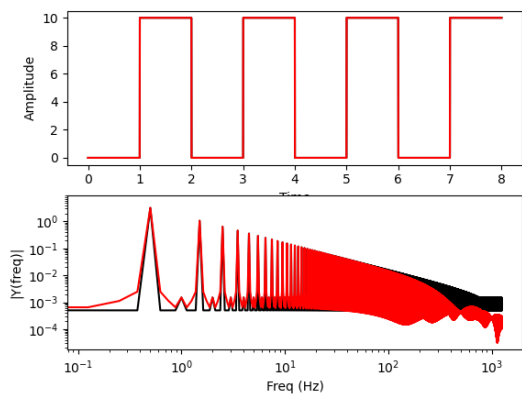
100 data points averaged



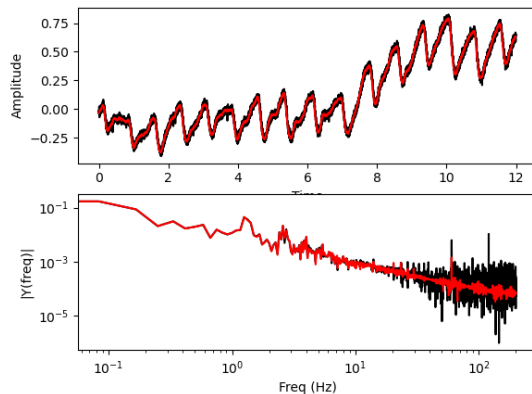
200 data points averaged



5 data points averaged

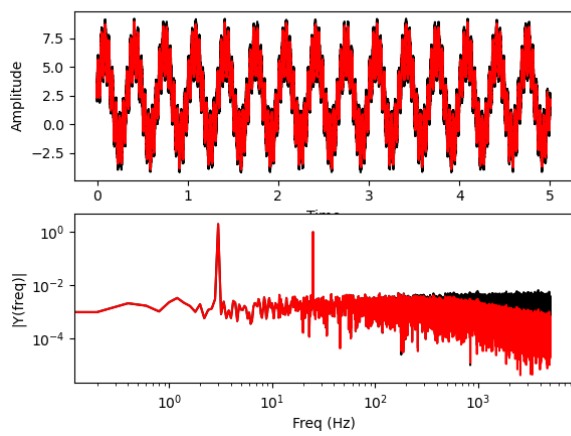


10 data points averaged

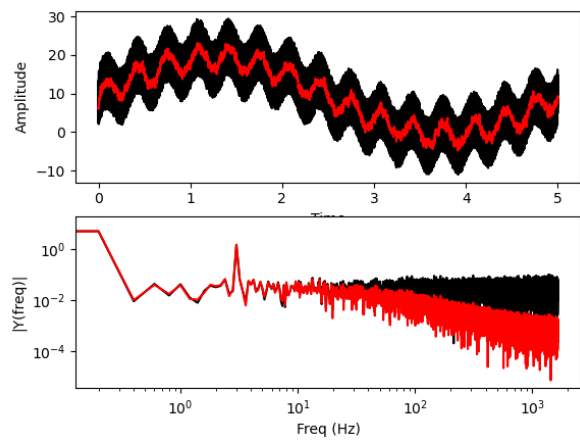


Q6.

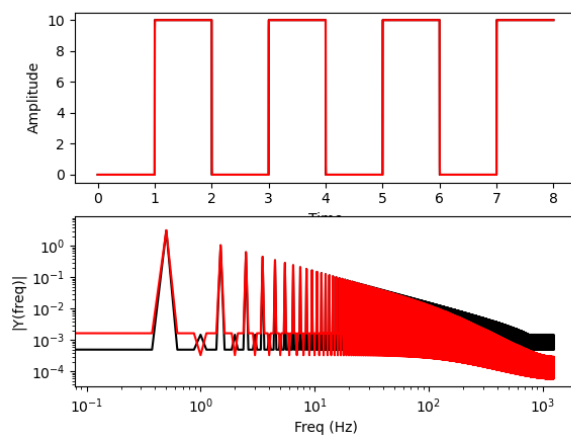
A:0.7 and B:0.3



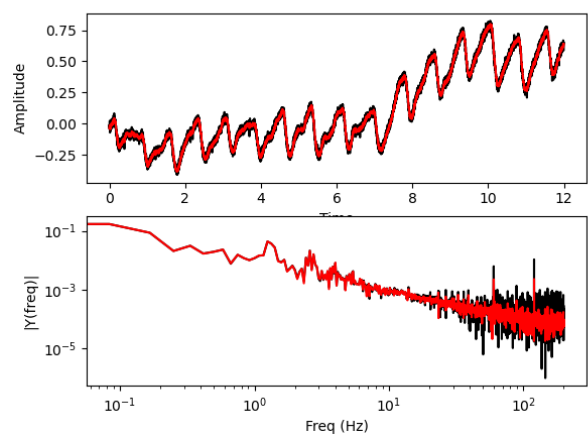
A:0.95 and B:0.1



A:0.7 and B:0.3

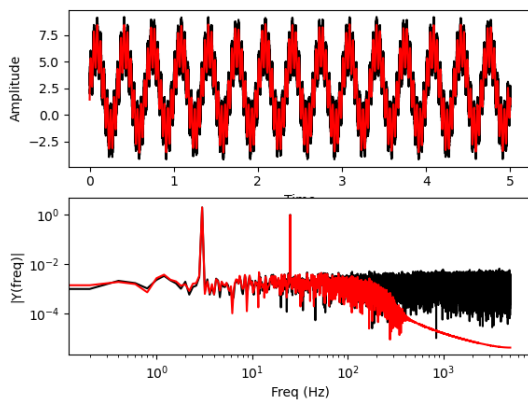


A:0.7 and B:0.3

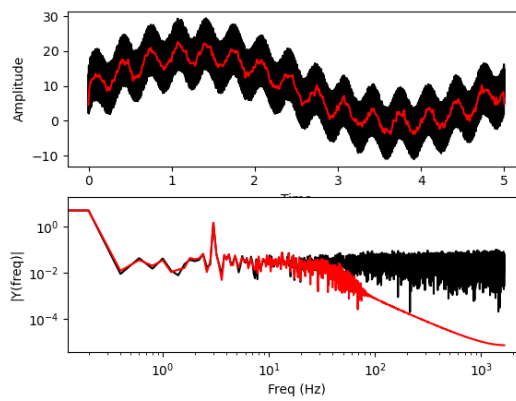


Q7.

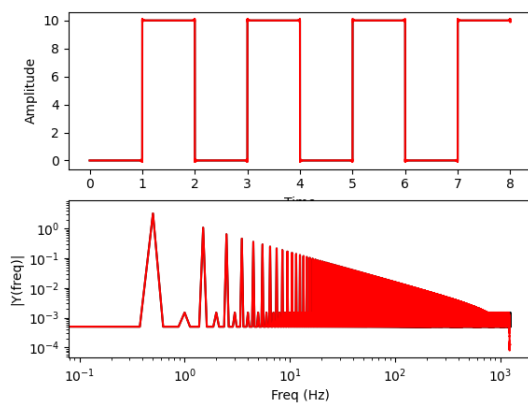
cutoff freq: 100hz and bandwidth: 600



cutoff freq: 35hz and bandwidth: 100



cutoff freq: 1225hz and bandwidth: 25



cutoff freq: 12hz and bandwidth: 4

