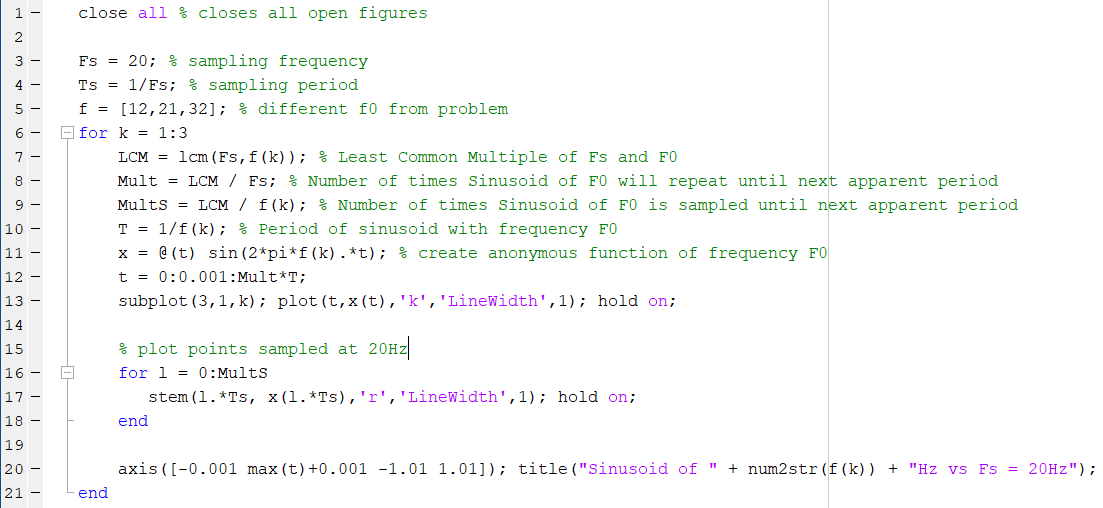
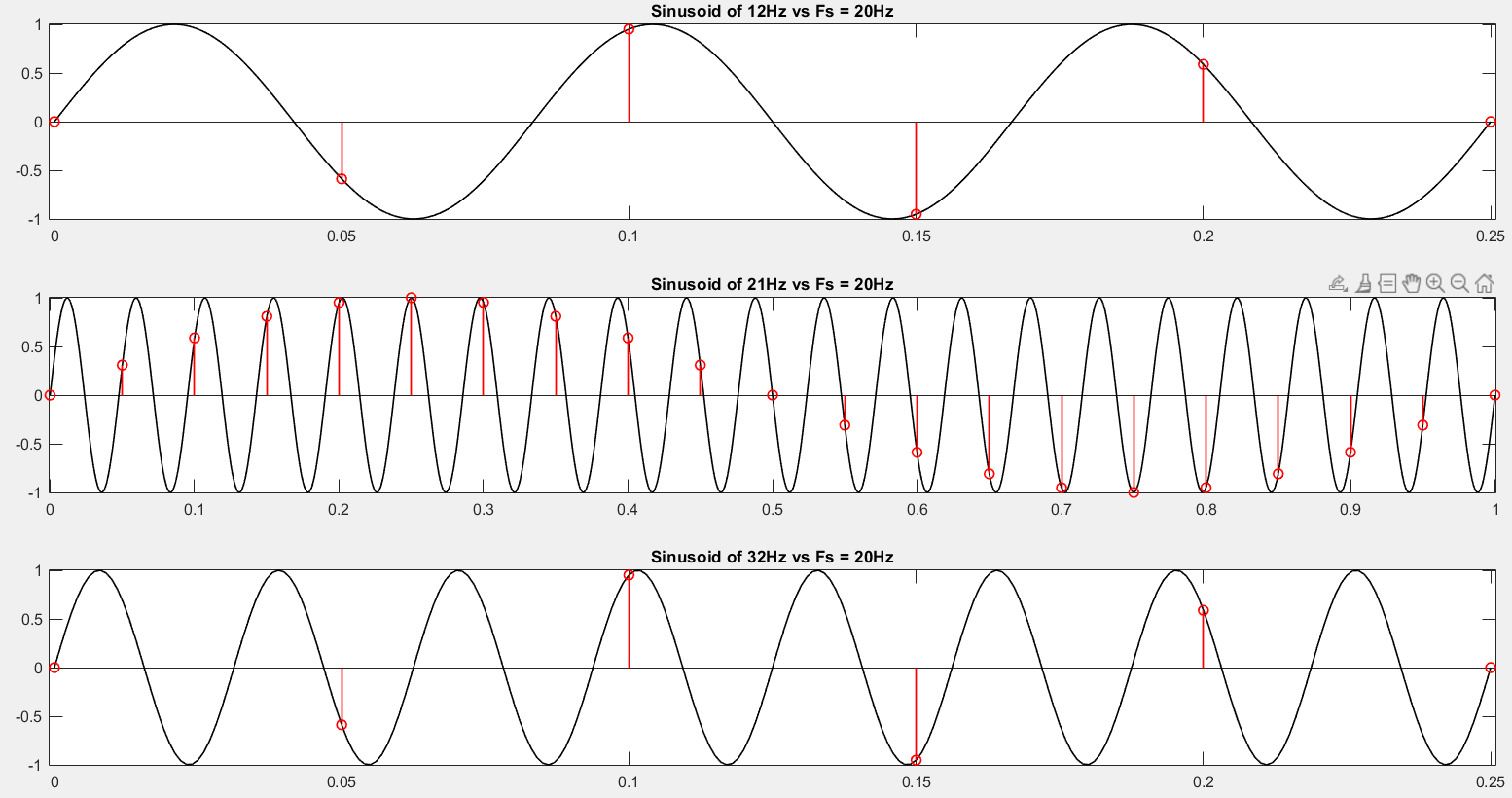


Using MATLAB we can see that the apparent frequency of a signal with frequency sampled at

is: where LCM is the Least Common Multiple between the two frequencies





Or:

b)

d)

f)

We can see this a little more clearly (especially for part d) if we repeat this new “apparent frequency” signal five times

