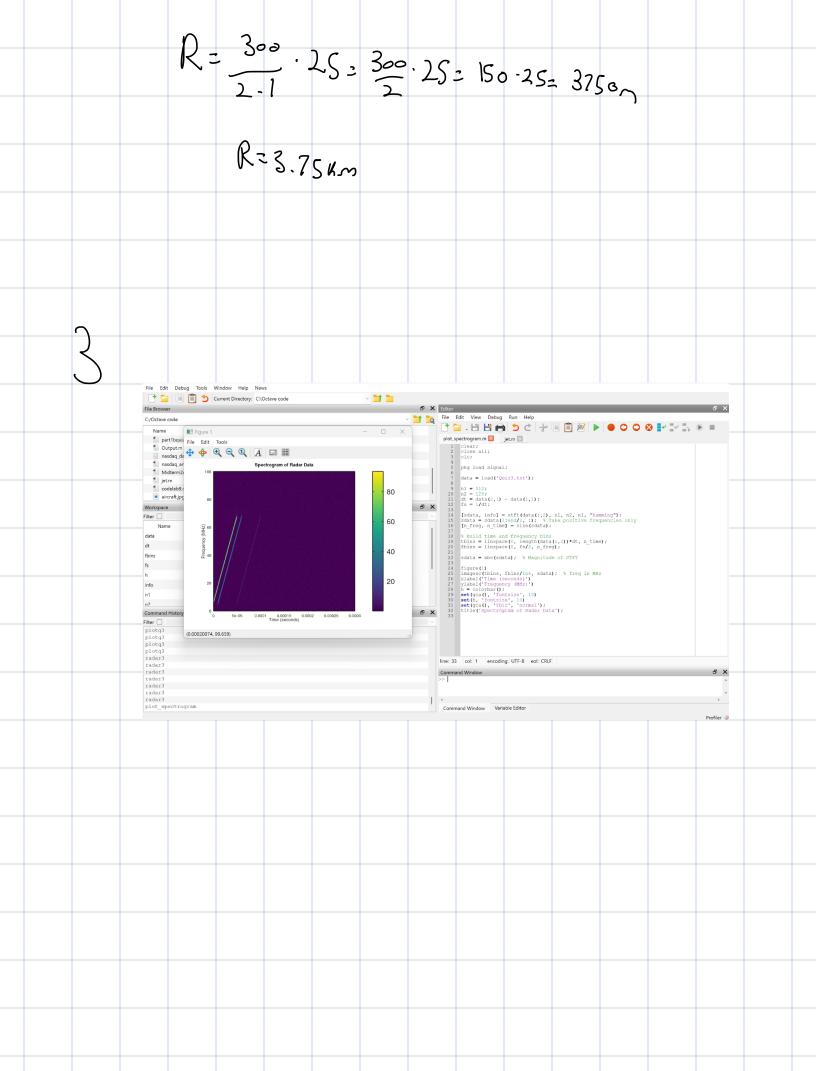
Quil 3 due 
$$S/9/25$$
 $V = 300 m/5$   $f_1 = 16H2 = 1 \times 10^9 H2$ 
 $f_2 \approx 2 \sqrt{1}$ 
 $C = 3 \times 10^6 n/5$ 
 $f_3 \approx 2 \sqrt{1} \times 10^9$ 
 $f_4 \approx 2 \sqrt{1} \times 10^9$ 
 $f_5 = 2 \sqrt{1} \times 10^9$ 
 $f_6 \approx 2 \sqrt{1} \times 10^9$ 
 $f_6 \approx 2 \sqrt{1} \times 10^9$ 
 $f_7 \approx 2 \sqrt{1} \times 10^9$ 
 $f_8 \approx 2 \sqrt{1} \times 10^9$ 

N=
$$f_s$$
 T=  $2 \times 10^q$ .  $0.0005 = 1 \times 10^6 = 1$  million samples

Yes it is practical

2.

 $A = \frac{c}{2k} A f_k$ 
 $R = \frac{c}{2} \frac{T}{k}$ 
 $R = \frac{c}{2} \cdot \frac{A f_k}{k}$ 
 $R = \frac{c}{2} \cdot$ 



Range = C. At (3x108). (10x10-6) = 1.5 Km First aircrast is 1.5 Km Second one Ronge = (3x108)- (20x106) = 3.0 Km

