



1.What will be **displayed** if the following commands are executed by MATLAB

$a = 2 : 2 : 20$	$b = a(4 : 8)$
$c = a(1 : 2 : 7)$	$d = a(8 : -1 : 4)$

2.What will be **displayed** if the following commands are executed by MATLAB

$x = 0 : 3 : 25$	$e = [x(2 : 5) x(end) x(end-1) x(end-2)]$
$f = [x(end-2)/6 x(end-1)/7 x(end)/8]$	$g = [x(end-2) x(end-1) x(end)]$
$h= [x(1)+6 x(2)+3 x(3)+0 a(4)*0]$	

3.Define the vector $v = [1 3 5 7 4 9]$. Then use the vector in a mathematical expression to create the following vectors :

$a= [3 9 15 21 12 27]$	$b=[1 9 25 49 16 81]$	$c=[1 1 1 1 1]$	$d=[6 6 6 6 6]$
$e=[-9 -9 -9 -9 -9 -9]$	$f=[1 27 125 343 64 729]$	$g=[1 81 625 2401 256 6561]$	

