What is the fast way or method to identify or create the following matrices (less than 1 minute)?

Please do not use the traditional way or method such as (i.e. A = [1 2 3 4 5; ……..]):

For **help** you can use the following commands :

$x_i : st : x_f$; linspace(x_i , x_f , N) ; ones(r , c) ; zeros(r , c) ; eye(r , c) and diag( )

$A = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 \\ 11 & 12 & 13 & 14 & 15 & 16 & 17 & 18 & 19 & 20 \\ 21 & 22 & 23 & 24 & 25 & 26 & 27 & 28 & 29 & 30 \end{bmatrix}$;	(1)

$B = \begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 66 \\ 0 & 0 & 0 & 0 \end{bmatrix}$;	(2)

$C = \begin{bmatrix} 1 & 0 & 0 & 0 & 0 \\ 0 & 2 & 0 & 0 & 0 \\ 0 & 0 & 3 & 0 & 0 \\ 0 & 0 & 0 & 4 & 0 \\ 0 & 0 & 0 & 0 & 5 \end{bmatrix}$;	(3)

$$D = \begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 0 & -1,5 & 0 & 0 & 0 \\ 0 & 0 & -3 & 0 & 0 \\ 0 & 0 & 0 & -4,5 & 0 \\ 0 & 0 & 0 & 0 & -6 \end{bmatrix} ;$$

(4)

$$E = \begin{bmatrix} 88 & 0 & 0 & 88 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 88 & 0 & 0 & 88 \end{bmatrix} ;$$

(5)

$$F = \begin{bmatrix} 51 & 0 & 0 & 0 & 0 & 0 \\ 0 & 41 & 0 & 0 & 0 & 0 \\ 0 & 0 & 31 & 0 & 0 & 0 \\ 0 & 0 & 0 & 21 & 0 & 0 \\ 0 & 0 & 0 & 0 & 11 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 \end{bmatrix} ;$$

(6)

$$G = \begin{bmatrix} 2 & 3 & 4 & 5 & 6 & 7 \\ 1,1 & 1,2 & 1,3 & 1,4 & 1,5 & 1,6 \\ 8 & 6 & 4 & 2 & 0 & -2 \end{bmatrix} ;$$

(7)

$$H = \begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 77 & 77 & 0 \\ 0 & 77 & 77 & 0 \\ 0 & 0 & 0 & 0 \end{bmatrix} ;$$

(8)

$$I = \begin{bmatrix} 0 & 66 & 66 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 66 & 66 & 0 \end{bmatrix};$$

(9)

$$J = \begin{bmatrix} 7 & 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 10 & 0 & 0 & 0 \\ 0 & 0 & 0 & 73 & 0 & 0 \\ 0 & 0 & 0 & 0 & 44 & 0 \\ 0 & 0 & 0 & 0 & 0 & 21 \end{bmatrix};$$

(10)