clc

%vectores son matrices de 1\*n

a=[ 3 2 5]

a =

3 2 5

a+1

ans =

4 3 6

a(2)

ans =

2

a(1)

ans =

3

a

a =

3 2 5

a(2)=a(2)+4

a =

3 6 5

b=3:7

b =

3 4 5 6 7

c=1:1000;

%Se pone ; para que no muestre el resultado

clc

clear all

whos

%se borraron todas las variables

a=[ 3 2 5]

a =

3 2 5

b=3:7;

c=1:1000;

whos

Name Size Bytes Class Attributes

a 1x3 24 double

b 1x5 40 double

c 1x1000 8000 double

clc

d=2:3:10

d =

2 5 8

e=8:-2:0

e =

8 6 4 2 0

e(2)

ans =

6

e(2:4)

ans =

6 4 2

e(1:2:5)

ans =

8 4 0

e

e =

8 6 4 2 0

e(5:-1:1)

ans =

0 2 4 6 8

x=[e(5) e(2:4) 7]

x =

0 6 4 2 7

x(2:3)=8

x =

0 8 8 2 7

x(4)=[]

x =

0 8 8 7

x(1:2:3)=[]

x =

8 7

e

e =

8 6 4 2 0

sum(e)

ans =

20

e

e =

8 6 4 2 0

max(e)

ans =

8

min(e)

ans =

0

mean(e)

ans =

4

a

a =

3 2 5

prod(a)

ans =

30

%calcular: 1!+3!+5!+..+13!

a=1:2:13;

f=factorial(a);

sum(f)

ans =

6.2673e+009

diary off