



>> 4+7

ans =

 11

>> 3-7

ans =

 -4

>> 47\*635

ans =

 29845

>> 1331/11

ans =

 121

>> 4756<6857

ans =

 logical

 1

>> 4756>6857

ans =

 logical

 0

>> 4756==3855+901

ans =

 logical

 1

>> 4756>=3855+901

ans =

 logical

 1

>> 4756<=3855+901

ans =

 logical

 1

>> x=[12 24 36 48 60]

x =

 12 24 36 48 60

>> y=[5 4 3 2 1]

y =

 5 4 3 2 1

>> x/12<y

ans =

 1×5 logical 배열

 1 1 0 0 0

>> x/12<=y

ans =

 1×5 logical 배열

 1 1 1 0 0

>> x/12==y

ans =

 1×5 logical 배열

 0 0 1 0 0

>> x/12>=y

ans =

 1×5 logical 배열

 0 0 1 1 1

>> x/12>y

ans =

 1×5 logical 배열

 0 0 0 1 1

>> x/12<=y | x/12>=y

ans =

 1×5 logical 배열

 1 1 1 1 1

>> x/12<=y & x/12>=y

ans =

 1×5 logical 배열

 0 0 1 0 0

>> for p=1:10

a=p

end

a =

 1

a =

 2

a =

 3

a =

 4

a =

 5

a =

 6

a =

 7

a =

 8

a =

 9

a =

 10

>> m=1;

>> n=-1;

>> if m<0

n=m+2

else

m=n-2

end

m =

 -3

>> b=1;

>> while b<10

b=b^2+2

end

b =

 3

b =

 11

>> k=1;l=2;q=3

q =

 3

>> clear

>> f=inline('x^4-3\*x^3+5\*x^2-7\*x+9','x');

>> f(2)

ans =

 7

>> f=inline('x.^4-3\*x.^3+5\*x.^2-7\*x+9','x');

>> f([5 6 7])

ans =

 349 795 1577

>> x=linspace(2,4,8)

x =

 2.0000 2.2857 2.5714 2.8571 3.1429 3.4286 3.7143 4.0000

>> t=linspace(0,2\*pi,100);x=2\*cos(t);y=2\*sin(t);

>> plot(x,y)



>> t=linspace(0,2\*pi,100);x=2\*cos(t);y=2\*sin(t);

>> plot(x,y);axis image;

>> ones(4)

ans =

 1 1 1 1

 1 1 1 1

 1 1 1 1

 1 1 1 1

>> zeros(3)

ans =

 0 0 0

 0 0 0

 0 0 0

>> X=[2 5 7 6];length(X)

ans =

 4

>> A=[6 7 2;1 5 9;8 3 4]

>> sum(A)

ans =

 15 15 15

>> abs(-pi)

ans =

 3.1416

>> fp=fopen('test.m','w');

>> fprintf(fp,'%d %d\n',1,2);

>> fprintf(fp,'%f %f\n',3.6,2.89);

>> fprintf(fp,'%e %e\n',12,256);

>> fclose(fp);

>> a=load('test.m');

>> a

a =

 1.0000 2.0000

 3.6000 2.8900

 12.0000 256.0000

>> matlab\_rand=rand(3,4)

matlab\_rand =

 0.8147 0.9134 0.2785 0.9649

 0.9058 0.6324 0.5469 0.1576

 0.1270 0.0975 0.9575 0.9706

>> rand('seed',3)

>> rand(2,3)

ans =

 0.5387 0.0512 0.3010

 0.3815 0.2851 0.1277