Matlab:

1. Figure; %Auto figure
2. Cosd(theta) % d direct degree !!

% interpolation

X=[1:10]

Y=[1:2:20]

Xnew=3.5

ynew=interp1(X,Y,Xnew,'linear')

A=1:2:10;

for i=1:5

B(1,i)= A(1,i)\*i

if i== 3;

keyboard

end

end

figure(6)

Z = peaks;

surf(Z)

axis tight manual

ax = gca;

ax.NextPlot = 'replaceChildren';

loops = 400;

F(loops) = struct('cdata',[],'colormap',[]);

for j = 1:loops

X = tan(j\*pi/100)\*Z;

surf(X,Z)

drawnow

F(j) = getframe;

end

ARDUINO

Arduinomega2560\_gettingstarted (check in link) {use tab It will show automatically}

<http://in.mathworks.com/hardware-support/arduino-simulink.html>

FUNCTION IN THE SAME FILE

[Output] = @(inputs) DefineFormulla

s = @() sin(1./2); DEFINE AND THEN ASSIGN

s() Fuction call

s = @(x) sin(1./x);

x(20)