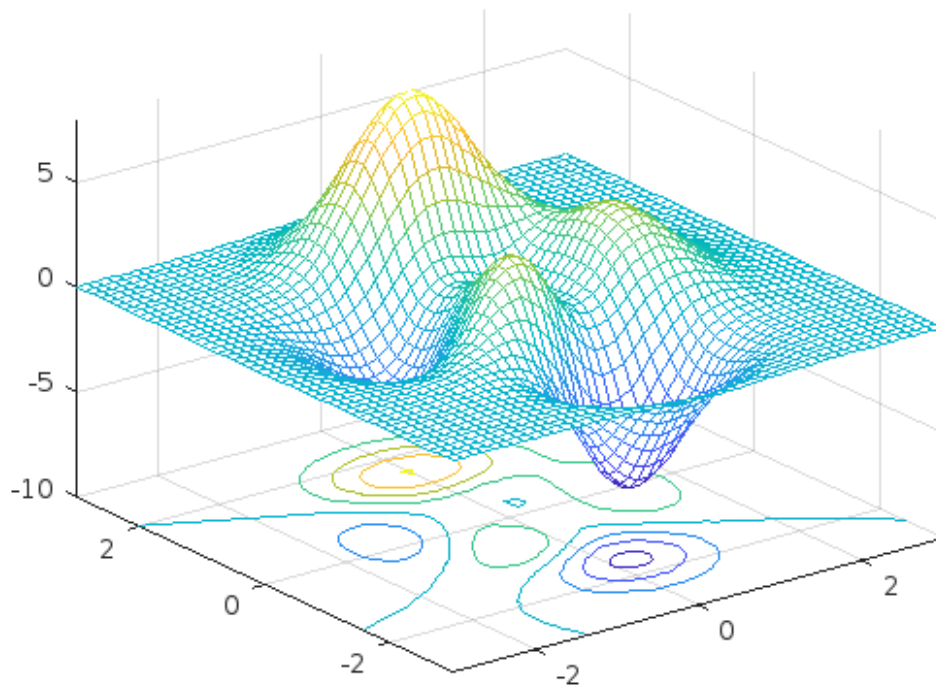

```
% Jerry Barboza  
% Chapter 2: Basic Operations with MATLAB
```

```
% Create a grid X and Y values using the meshgrid function.  
% X and Y ranges from -3 to 3 (start, steps, end) hence 0.125 is the step size  
[X,Y] = meshgrid(-3: 0.125: 3);  
% The "peaks" function generates a test function used to show 3D plotting.  
Z = peaks(X,Y);  
% "meshc" function displays both a mesh and countour plot of the surface  
meshc(X,Y,Z);  
% Set limits ranges ( X Y Z)  
axis([-3 3 -3 3 -10 8])
```



Published with MATLAB® R2023a