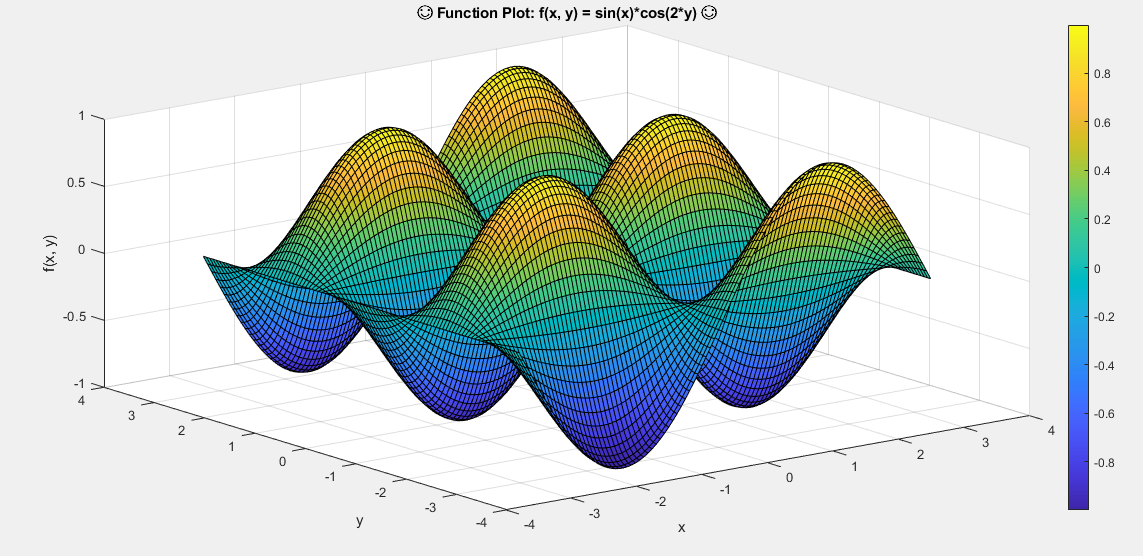
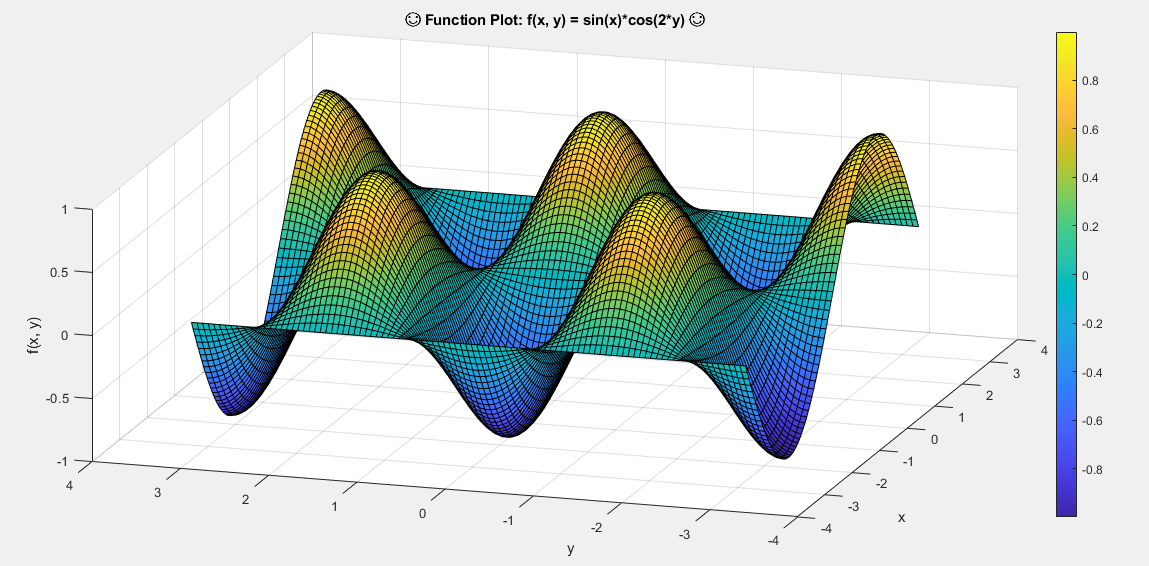
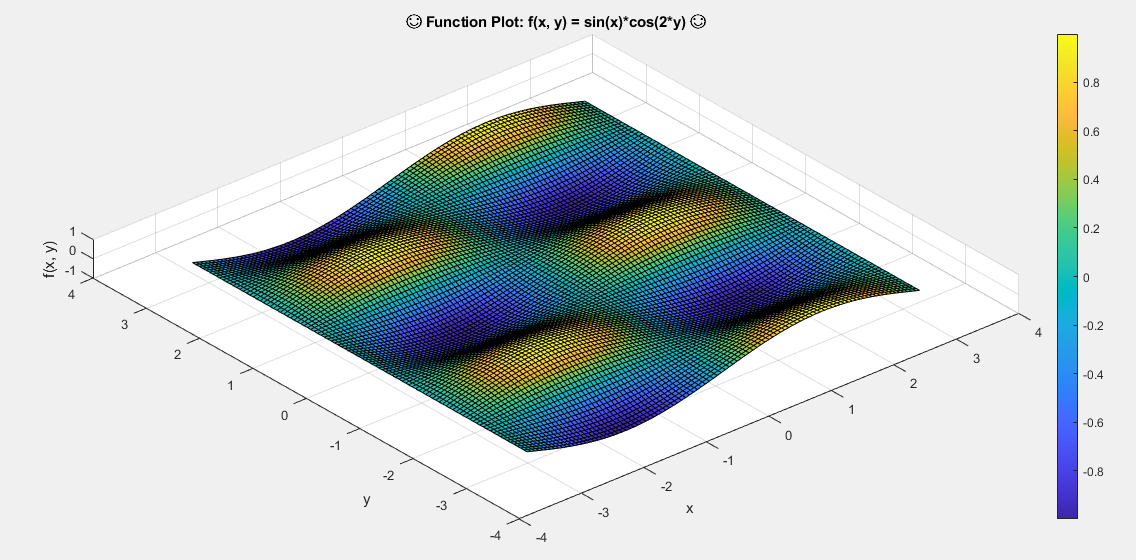
***Q:***

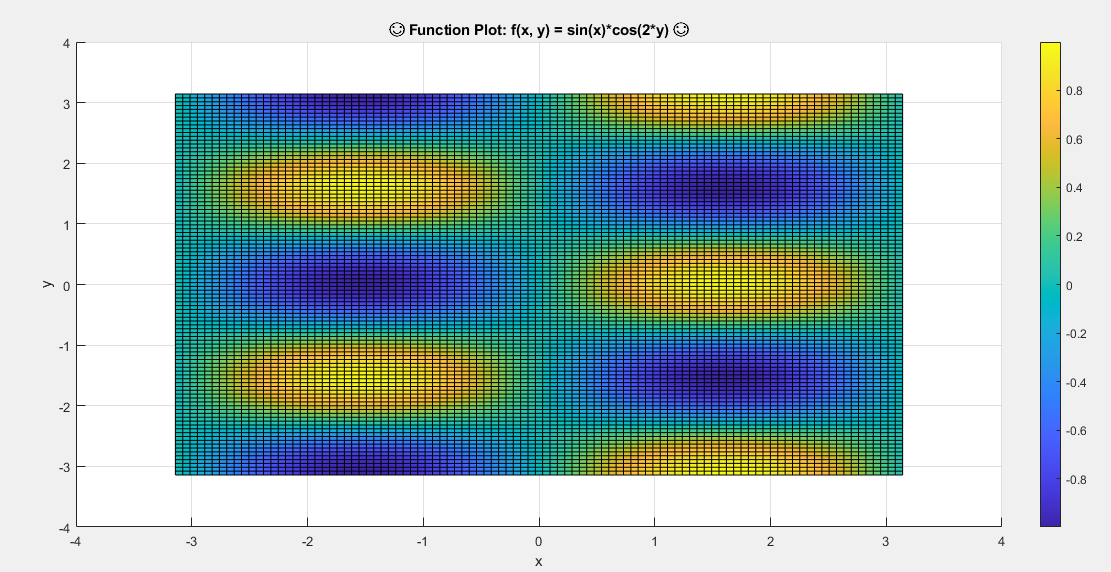
1. Draw the following function with MATLAB software.

***Sol:***

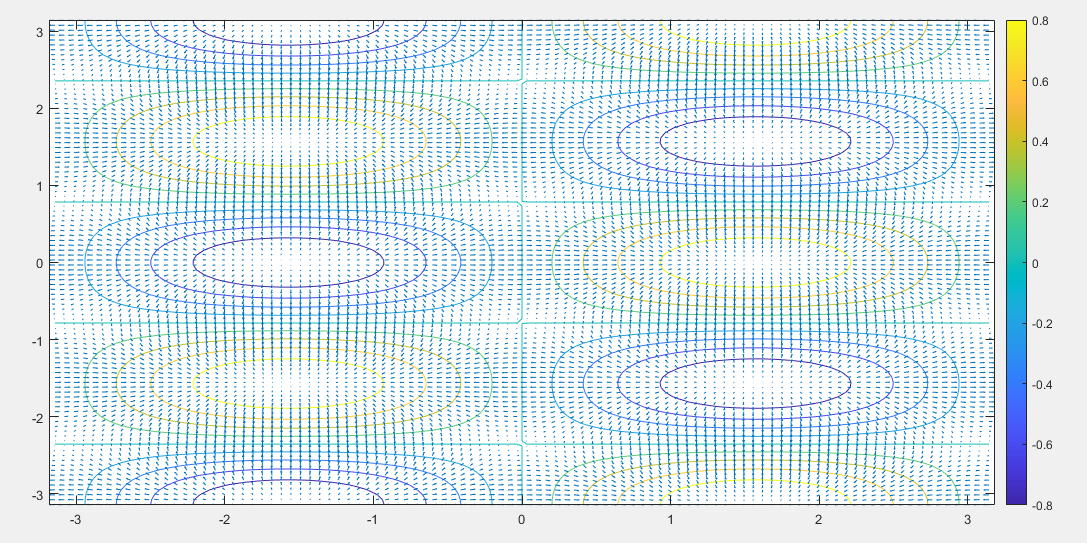


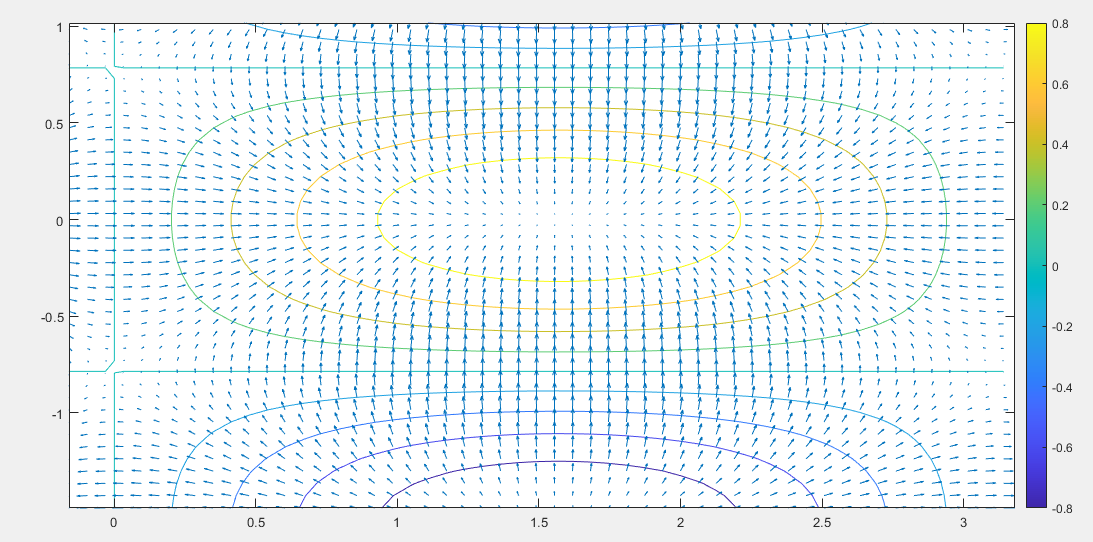


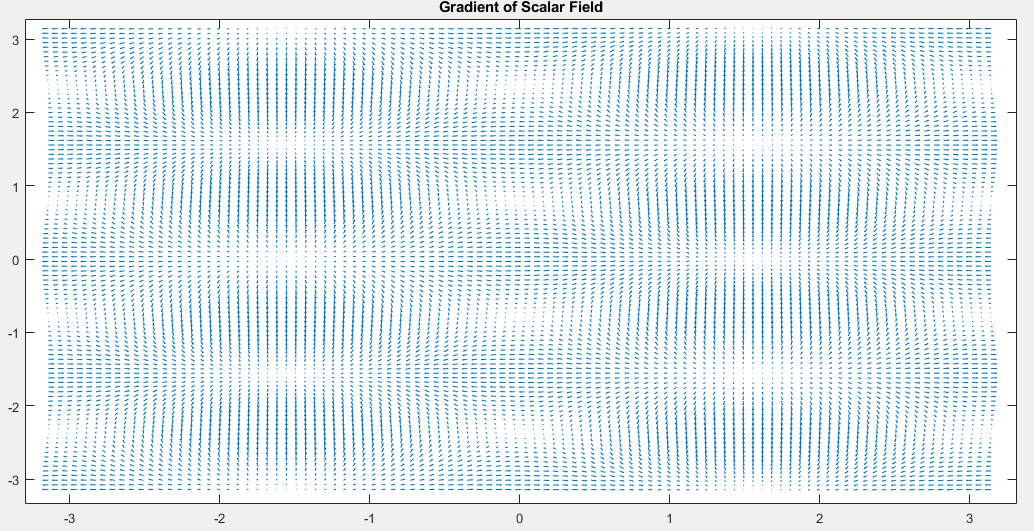




**Now the gradient of this graph is as follows:**



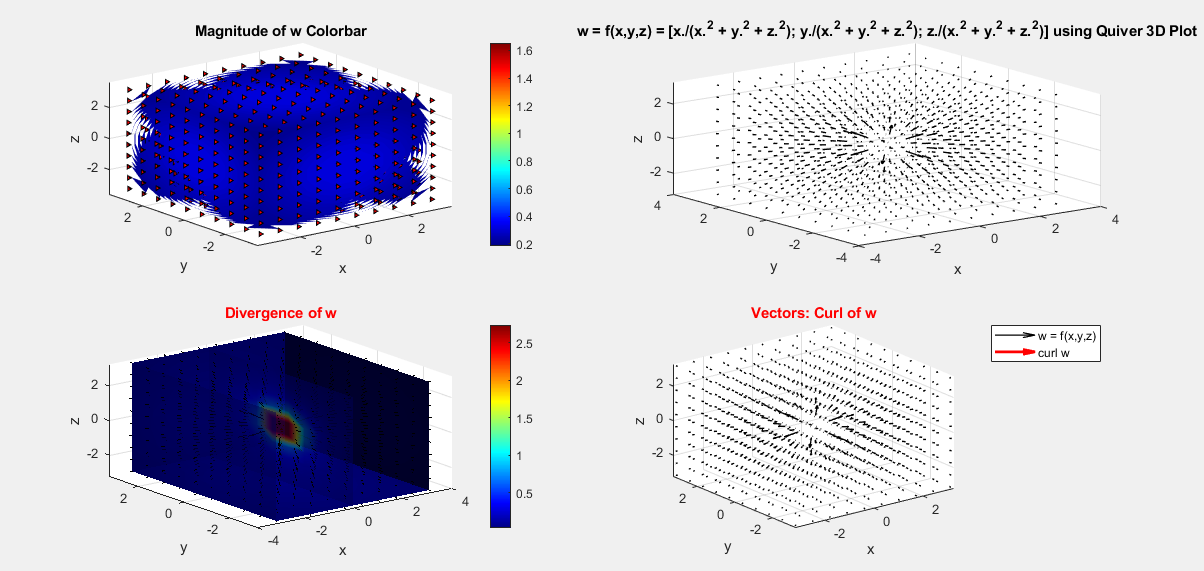


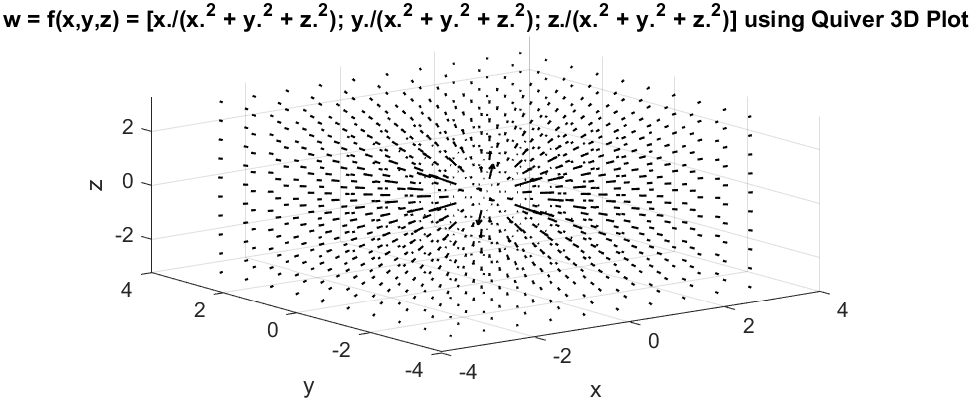


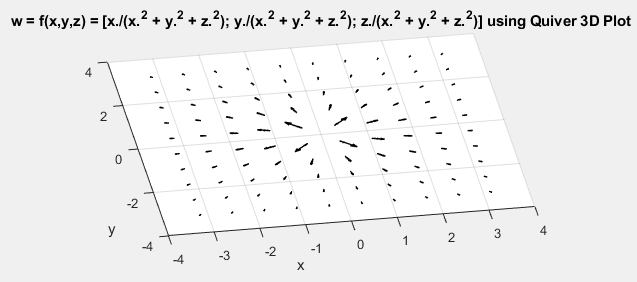
***Q:***

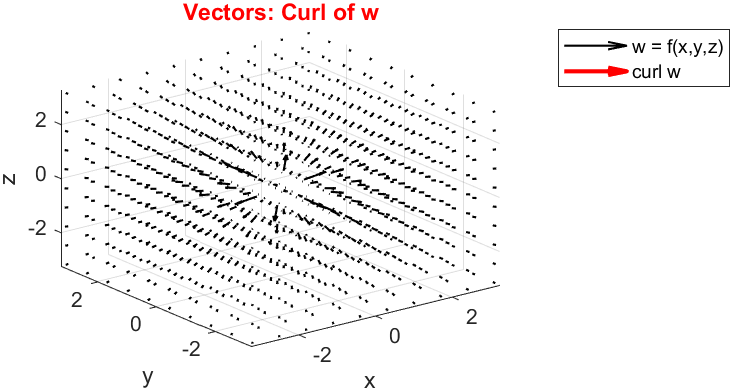
1. Draw the following function with MATLAB software; Display its gradient, divergence and curl as well.

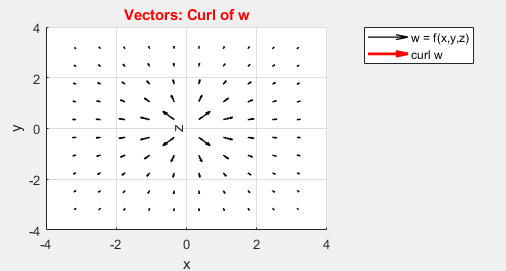
***Sol:***











As it turns out, its curl graph doesn't exist because:

😊

