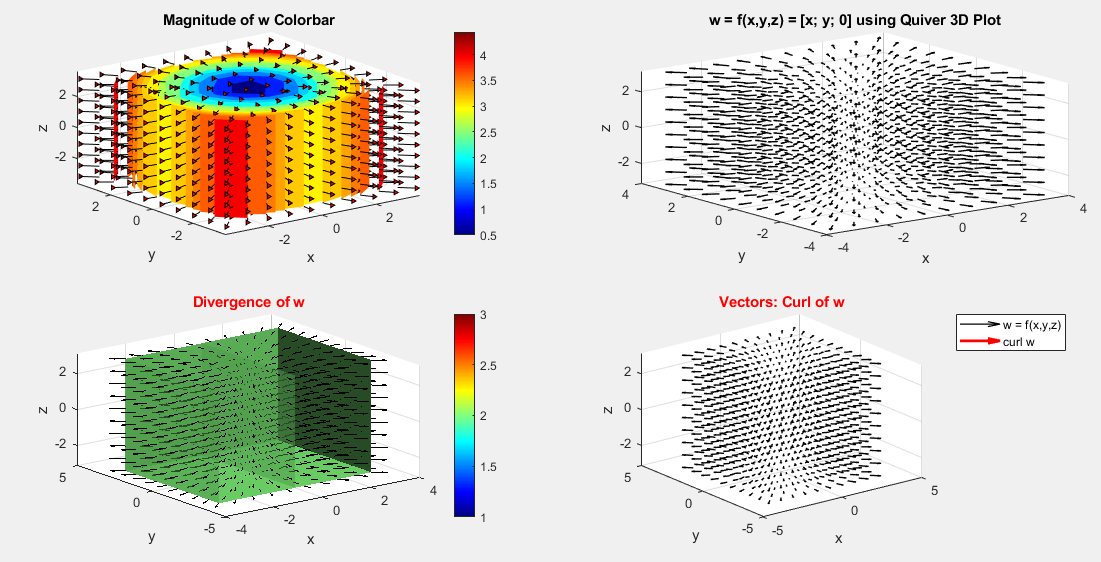
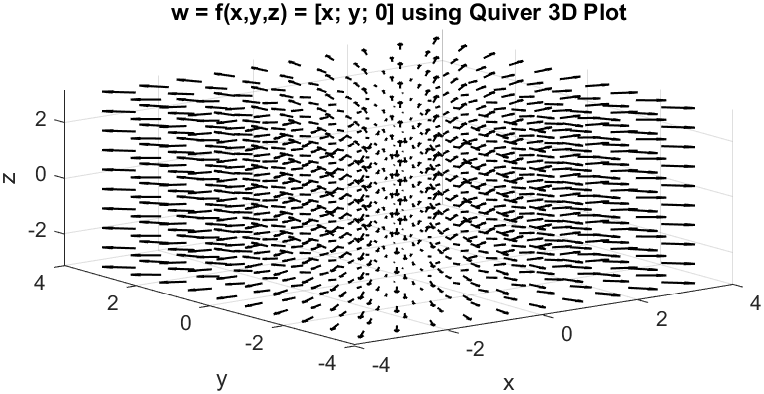
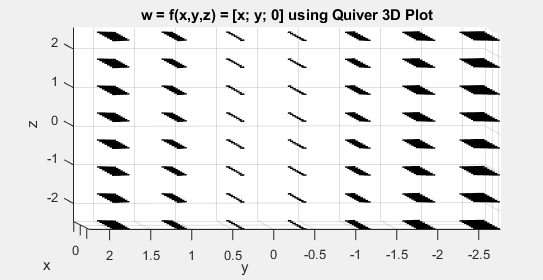
***Q:*** Draw the following function with MATLAB software; Display its gradient, divergence and curl as well.

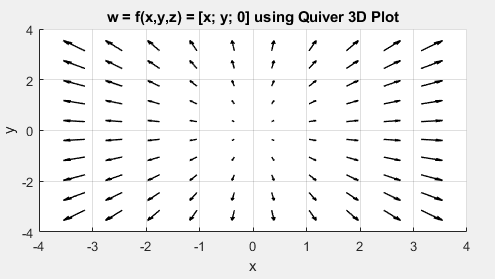
***Sol:***

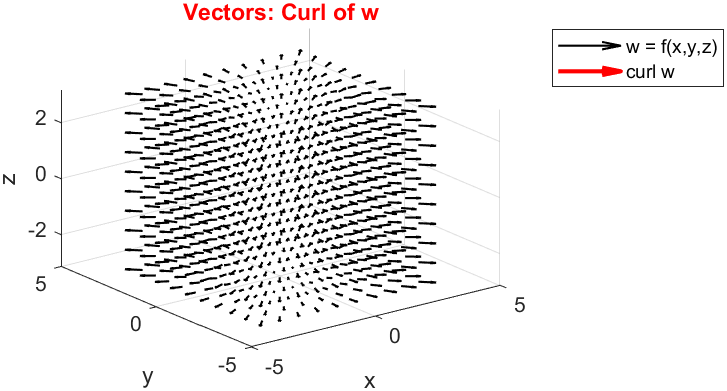




**Be careful, because we don't have an axis, so it can be imagined for each parallel plane and draw it. In the following, you can understand this point more.**







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

😊

