**Finding largest number adjacent to zero**

function y = nearZero(x)

for ii = 1: length(x)

if x(ii) ==0

if ii~= length(x)

if ii~=1

a(ii) = x(ii-1);

a(ii+1) = x(ii+1);

ii = ii+1;

else

a(ii) = x(ii+1);

ii =ii +1;

end

else

ii = ii+1;

end

else

ii = ii+1;

end

end

y = max(a);

end

% Failes Test Cases:

a = [5 4 -1 0 -2 0 -5 8]

a = [0 -12 0 -7 0]