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```
function x = Ma4_Task3_chen3633(m, n)

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
% ENGR 133
% Program Description
%
%
% Assignment Information
%   Assignment:     Ma3_Task 1
%   Author:         Yolanda, chen3633@purdue.edu
%   Team ID:        LC1-15
%   Contributor:    Collin Gernhardt, cgernhar@purdue.edu
%                   Rachel Evrard, revrard@purdue.edu
%                   Jonathan Budiman, jbudiman@purdue.edu
%   My contributor(s) helped me:
%     [ ] understand the assignment expectations without
%         telling me how they will approach it.
%     [ ] understand different ways to think about a solution
%         without helping me plan my solution.
%     [ ] think through the meaning of a specific error or
%         bug present in my code without looking at my code.

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

INITIALIZATION

```
M = zeros(m, n);

Not enough input arguments.

Error in Ma4_Task3_chen3633 (line 26)
M = zeros(m, n);
```

CALCULATIONS

```
for k = 1:numel(M)

    [r, c] = ind2sub(size(M), k);
    num = r*c;
    if rem(num, 2) == 0
        disp(k);
    elseif r == c
        disp("-1");
    else
        disp("0");
    end

end
```

OUTPUTS

```
[-1 2 0 4 0]
```

ACADEMIC INTEGRITY STATEMENT

I have not used source code obtained from any other unauthorized source, either modified or unmodified. Neither have I provided access to my code to another. The project I am submitting is my own original work.

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