
```
function [Area] = areaFunc(X,Y)

% Numerical Integration Under Curve
% MAE 315 - Fall 2021 example
% Seth Kelly

i=1;
Area= 0;
while i < length(X)-1
    h1 = Y(i);
    h2 = Y(i+1);
    dh = h2 - h1;
    b = X(i+1) - X(i);
    Area_rect = h1.*b;
    Area_tri = 0.5.*(b.*dh);
    Area_trap = Area_rect + Area_tri;
    Area = Area + Area_trap;
    i = i + 1;
end
```

Not enough input arguments.

*Error in areaFunc (line 9)
while i < length(X)-1*

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