```matlab
function A = StiffnessAssembler2D(p,t,a)
np = size(p,2);
nt = size(t,2);

A = sparse(np,np);
for K = 1:nt
    loc2glb = t(1:3,K);
    x = p(1,loc2glb);
    y = p(2,loc2glb);
    [area, b, c] = HatGradients(x,y);
    xc = mean(x); yc = mean(y);
    abar = a;    %since a is a constant, we replace with constant a
    AK = abar*(b*b'+ c*c')*area;
    A(loc2glb,loc2glb) = A(loc2glb,loc2glb) +AK;
end
```

Not enough input arguments.

Error in StiffnessAssembler2D (line 2)
np = size(p,2);

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