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function int_pt = ComputeIntGridPt(st_pt,end_pt,order)
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% $Code Version: 1.0$
% This function is used to generate points internal to the element
% depending on the order of polynomial of shape functions
% Inputs: st_pt : starting node point
%         end_pt : ending node_pt
% Output: int_pt : internal point in space newly generated

% points to be added
n = order - 1;
dn = (end_pt - st_pt)/order;
int_pt = [];
for i=1:n
    int_pt = st_pt + i*dn;
end

end
```

