

Calculate force distribution along length of spar

Input - x (length discretization), Mass, Length of spar; Output - force at each node

```
function force = Calc_force(x,Mass,L)
% force is linear in nature - cX
% integral(cx dx)=2.5*Weight/2 - c = 2.5*Weight/L^2
g = 9.81; % m/s^2
c = 2.5*Mass*g/L^2;
force = c*x;
force = flip(force);
end
```

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