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# Josh Andrews - ECE 498 - HW #7

## Function for Question 3

The set of differential equation for question 3

```
function f = nle(x)
    f(1) = 3*x(1)*x(2) + x(2) - x(3) - 12;
    f(2) = x(1) + x(2)*x(1)*x(1) + x(3) - 12;
    f(3) = x(1) - x(2) - x(3) + 2;
end
```

*Not enough input arguments.*

*Error in nle (line 6)*

```
f(1) = 3*x(1)*x(2) + x(2) - x(3) - 12;
```

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