

[back](#)

Solution to exercise 3.1.2

In order to normalize a vector we have to calculate its length. It can be using the function **norm()**.
<sxh c>

```
function y = normalize(x)
    L = norm(x);
    y = x/L;
endfunction
```

</sxh>

Variables **x** and **y** are vector variables. Please note how vector and scalar operands are handled for division operator on line 3.

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