

```
%=====
% function computes the corresponding m-by-m orthogonal matrix Q.
% input : real m by n matrix V
% output : real m by m matrix Q
%=====

function Q = house2q(V)

[m,n] = size(V);

x = eye(m);

for k = n:-1:1
    x(k:m,:) = x(k:m,:) - 2*V(k:m,k)*(V(k:m,k)'x(k:m,:));
end
Q = x;
end
```

Not enough input arguments.

Error in house2q (line 9)  
[m,n] = size(V);

---

Published with MATLAB® R2020b

