
```
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%ENGS 111
%HW 7
%This function computes the RLE compressed row vector from an input x
%matrix.
```

```
function [values,frequency]=RLE(x)
ind=1;
values(ind)=x(1);
frequency(ind)=1;

for i=2 :length(x)
    if x(i-1)==x(i)
        frequency(ind)=frequency(ind)+1;
    else ind=ind+1;
        values(ind)=x(i);
        frequency(ind)=1;
    end
end
end
```

```
Error using RLE (line 9)
Not enough input arguments.
```

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