Avoid a Common Error in Using the `for`-loop

```matlab
for k = 4:6
    disp(k)
k = 9;
disp(k)
end
```

Start of 1st pass: k takes the first value promised, 4
Display 4
k gets 9
Display 9

Start of 2nd pass: k takes the second value promised, 5
Display 5
k gets 9
Display 9

Start of 3rd pass: k takes the third value promised, 6
Display 6
k gets 9
Display 9

Not a condition (boolean expression) that checks whether k<=6.
It is an expression that specify values:

What will be displayed when you run the following script?

```matlab
for k = 5:1:2
    disp(k)
end
disp('B')
```

A or B or C

<Some error message about index out of bound>

Think about it. Then check for yourself in Matlab!