This is a classic example of a Prolog program, the **append/3** predicate.

This is with a simple link.

This is with a nicer macro but the url needs to be escaped: run ▶

```
append([],X,X).
append([X|Y],Z,[X|W]) :-
      append(Y,Z,W).
```

This is with a different macro, url does not need to be escaped, but it appears:

http://test.cliplab.org/ciao/bndls/ciaojs_monaco/index.html#:
-%20module(_,_,%5B%5D).%0A%0Aappend(%5B%5D,X,X).%0Aappend(%5BX%7CY%
5D,Z,%5BX%7CW%5D)%20:-%0A%20%20%20%20%20append(Y,Z,W).

```
append([],X,X).
append([X|Y],Z,[X|W]) :-
      append(Y,Z,W).
```

Trying to get the ideal one running:

http://test.cliplab.org/ciao/bndls/ciaojs_monaco/index.html#:
-%20module(_,_,%5B%5D).

```
append([],X,X).
append([X|Y],Z,[X|W]) :-
      append(Y,Z,W).
```