



function, as you're adding only one element you can directly attach it to

Z as [(4,Y)|Z].

The modified code will be like this:

```
re'),!.  
,write("fill 4 jug"),nl,move(4,Y,[(4,Y  
,write("fill 3 jug"),nl,move(X,3,[(X,3  
,write("pour 4 jug"),nl,move(0,Y,[(0,Y  
,write("pour 3 jug"),nl,move(X,0,[(X,0  
s 4-X,M is Y-K,\+member((4,M),Z),write  
s 3-Y,M is X-K,\+member((M,3),Z),write  
nber((K,0),Z),write("pour from 3jug to  
nber((0,K),Z),write("pour from 4jug to
```

if input is:

```
move(0,0,[(0,0)]).
```

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pour from 4jug to 3jug





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function, as you're adding only one element you can directly attach it to

Z as $[(4,Y)|Z]$.

The modified code will be like this:

```

    ug to 4jug"),nl,move(4,M,[(4,M)|Z])).
    ug to 3jug"),nl,move(M,3,[(M,3)|Z])).
    e(K,0,[(K,0)|Z])).
    e(0,K,[(0,K)|Z])).
  
```

if input is:

```
move(0,0,[(0,0)]).
```

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```
move(0,0,[(0,0)]).
```

output is:

```
fill 4 jug
fill 3 jug
pour 4 jug
pour 3 jug
fill 4 jug
pour from 4jug to 3jug
pour 3 jug
pour from 4jug to 3jug
fill 4 jug
pour from 4jug to 3jug
pour 3 jug
done
```

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answered Nov 19, 2019 at 16:59



Strange

1,382 ● 6 ● 17

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