

# CS140 - Pseudocode Example

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The pseudocode examples uses the `codebox` environment. You need to add:

```
\usepackage{clrscod3e}
```

at the top of your document.

If your version doesn't automatically find the package, you may also need to:

1. download the .sty file from:  
<http://www.cs.dartmouth.edu/~thc/clrscod/clrscod.sty>
2. put it in the same directory as your .tex file (or upload it to your overleaf project directory)
3. and you *might* need to change the package import to:

```
\usepackage{./clrscod}
```

Here are the examples from the first day of class:

MYSTERY1( $A$ )

```
1  $x \leftarrow -\infty$ 
2 for  $i \leftarrow 1$  to  $length[A]$ 
3     if  $A[i] > x$ 
4          $x \leftarrow A[i]$ 
5 return  $x$ 
```

MYSTERY2( $A$ )

```
1 for  $i \leftarrow 1$  to  $\lfloor length(A)/2 \rfloor$ 
2     swap  $A[i]$  and  $A[length(A) - (i - 1)]$ 
```