

Team Bop-It
Brian Lin, Isaac Jon, Aleksandra Koroza
APCS2 pd2
HW02 -- Speaking in Pseudocode
2018-01-31

```
1.  var = n x n 2D array of ints
2.  target = #
3.  limit = n
4.
5.  Method search (var)
6.      For (x = 0; x < limit; x++)
7.          counter = x
8.
9.          *Search for target in row x with Linear Search with var[x][counter]*
10.
11.         If (counter equals limit-1) //Checks if you finished checking the row, if yes...
12.             counter = x
13.             *Search for target in column x with Linear Search with var[counter][x]*
14.             If (var[counter][x] not target)
15.                 counter ++
17.             If (var[counter][x] is target)
18.                 return (Location → [counter][x])
19.
20.         Else if (var[x][counter] not target)
21.             counter ++
22.
23.         Else (var[x][counter] is target)
24.             return Location → [x][counter]
```