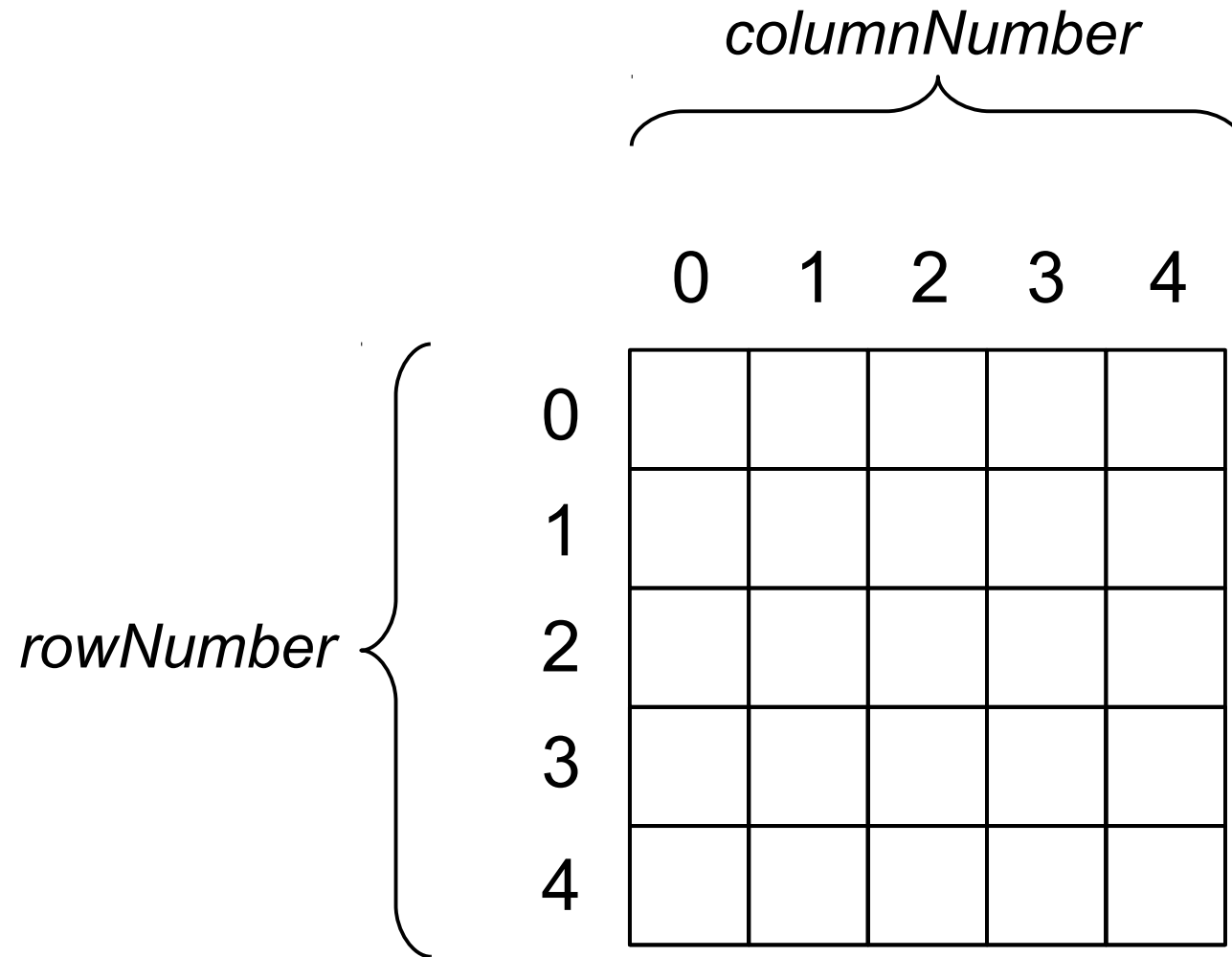
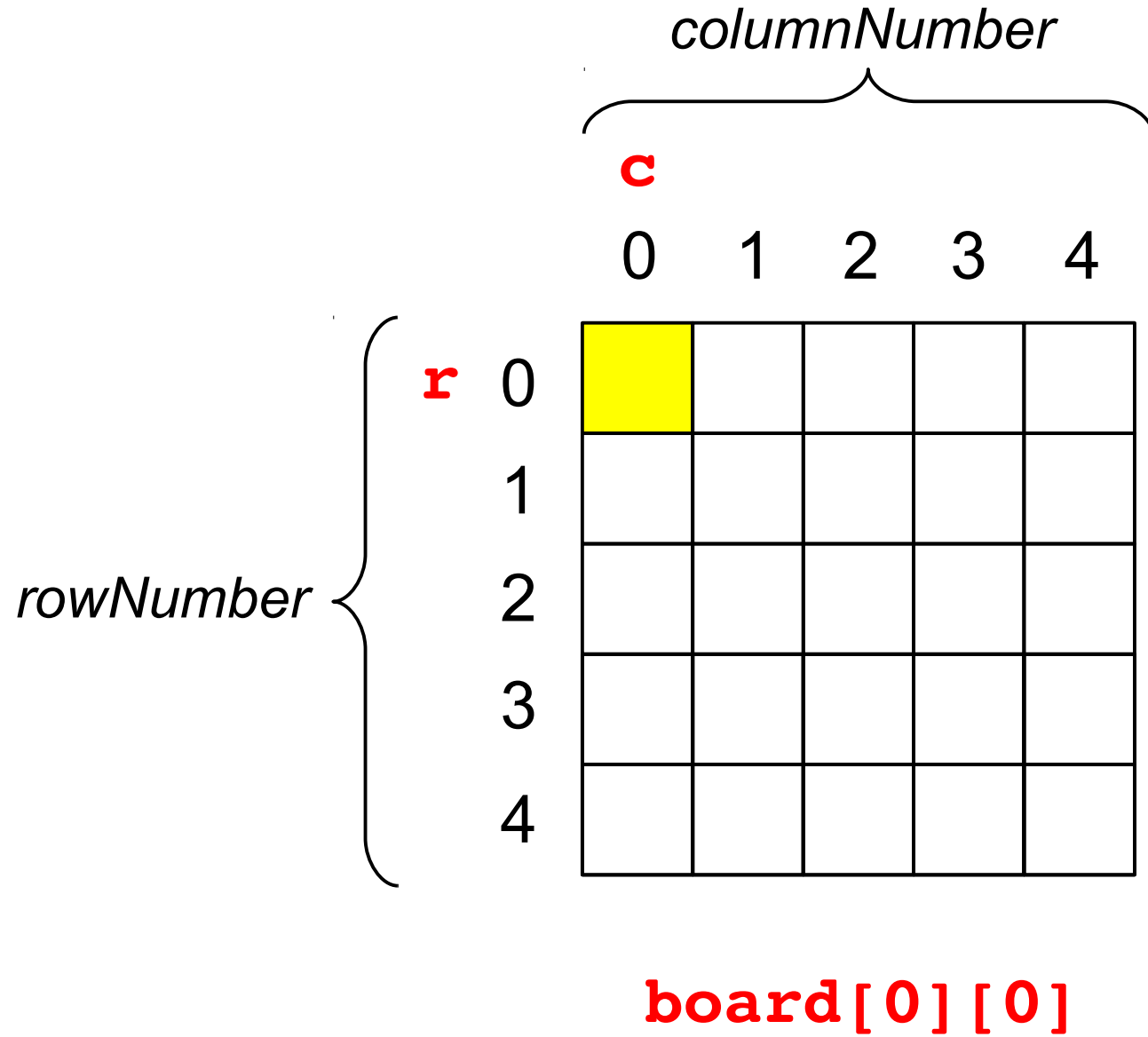


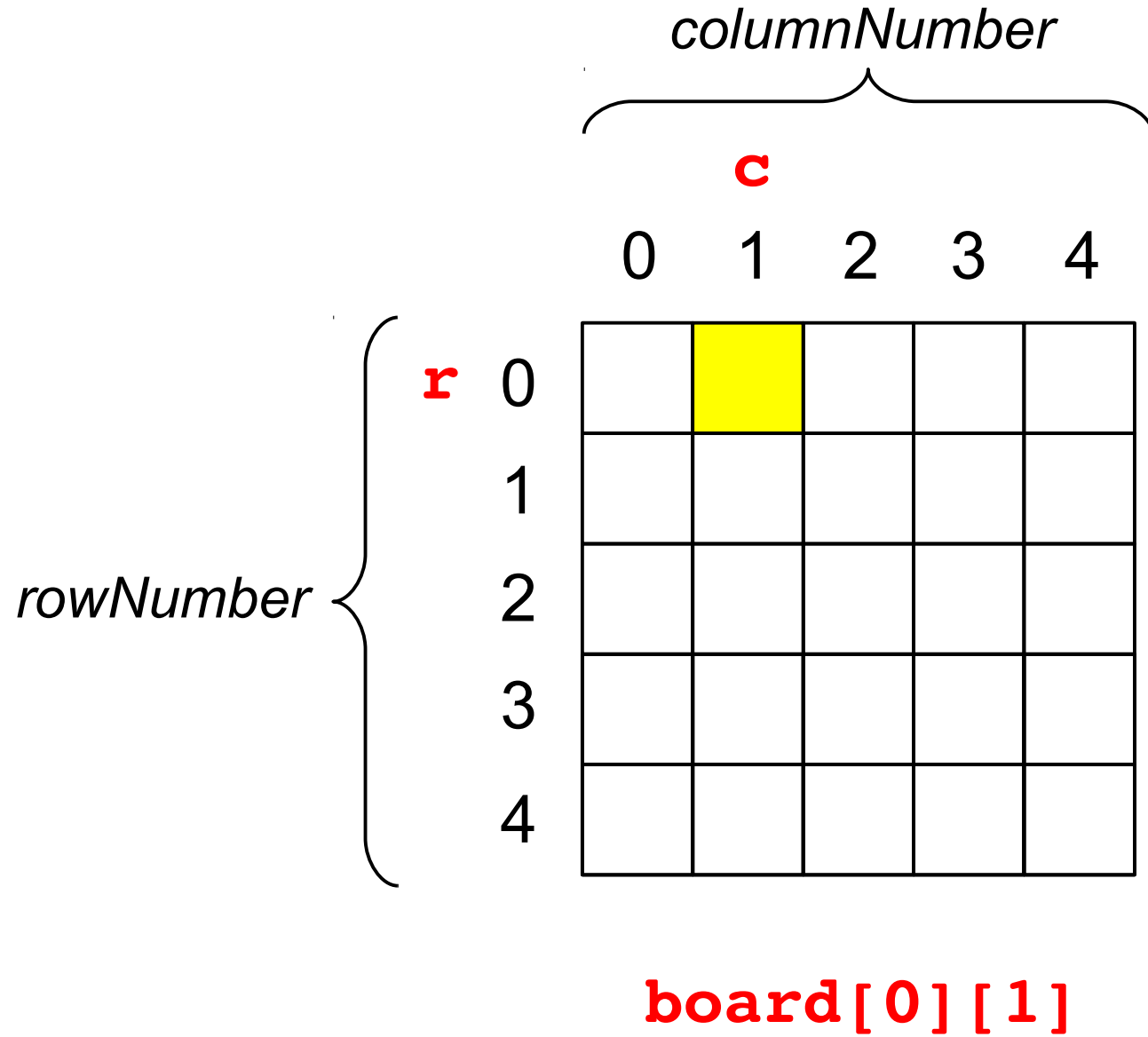
Board size: 5 × 5



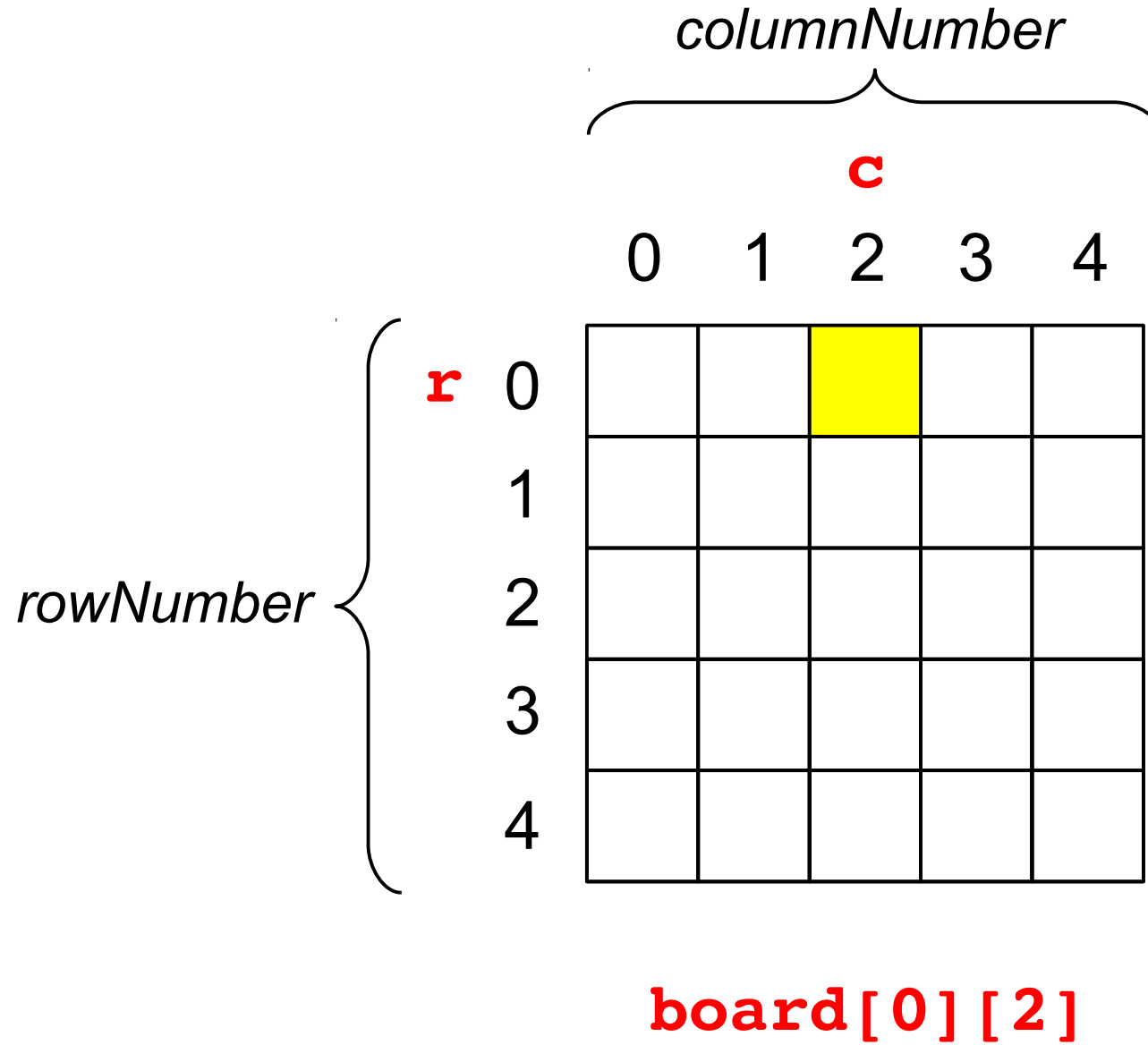
printBoard



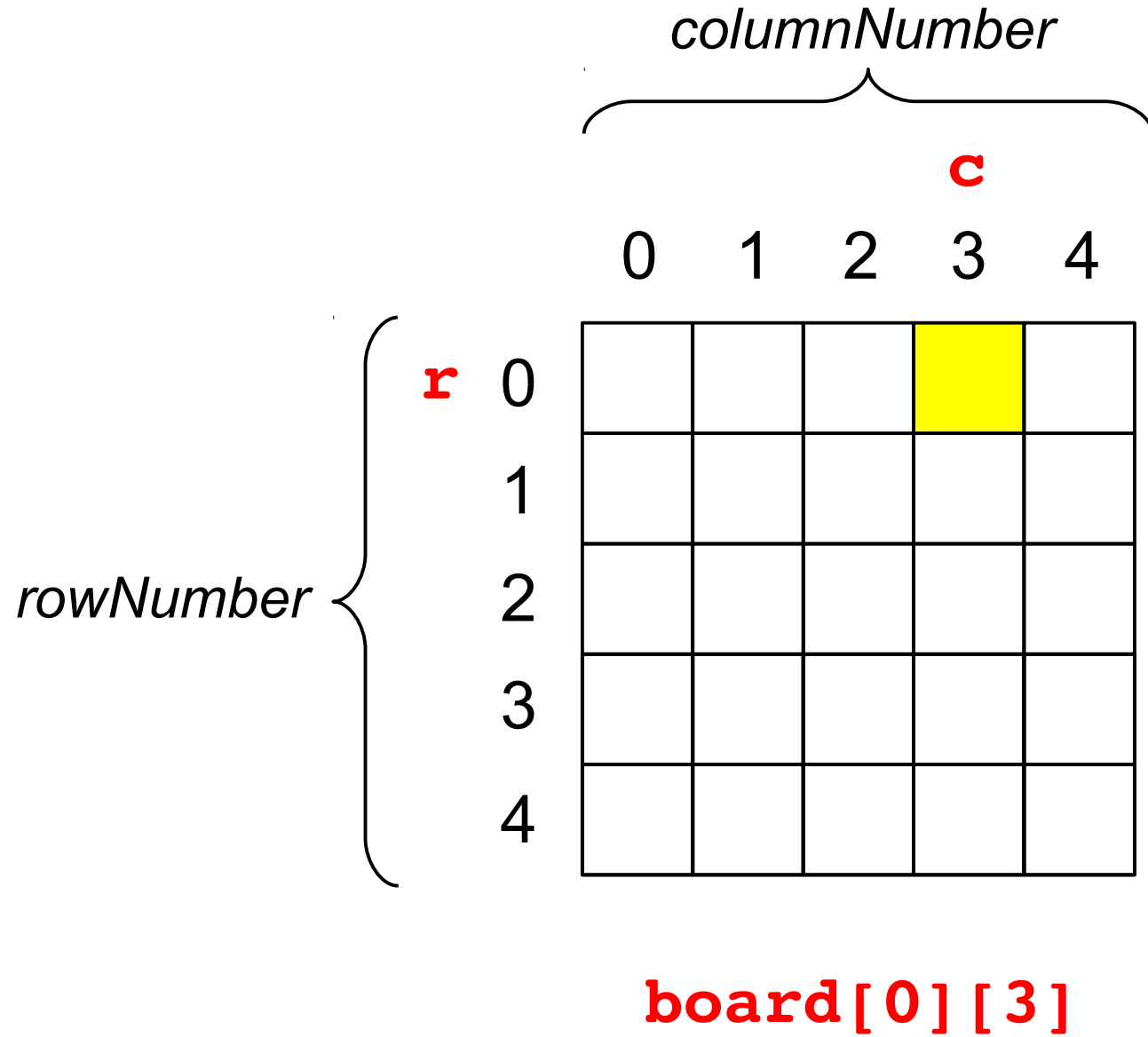
printBoard



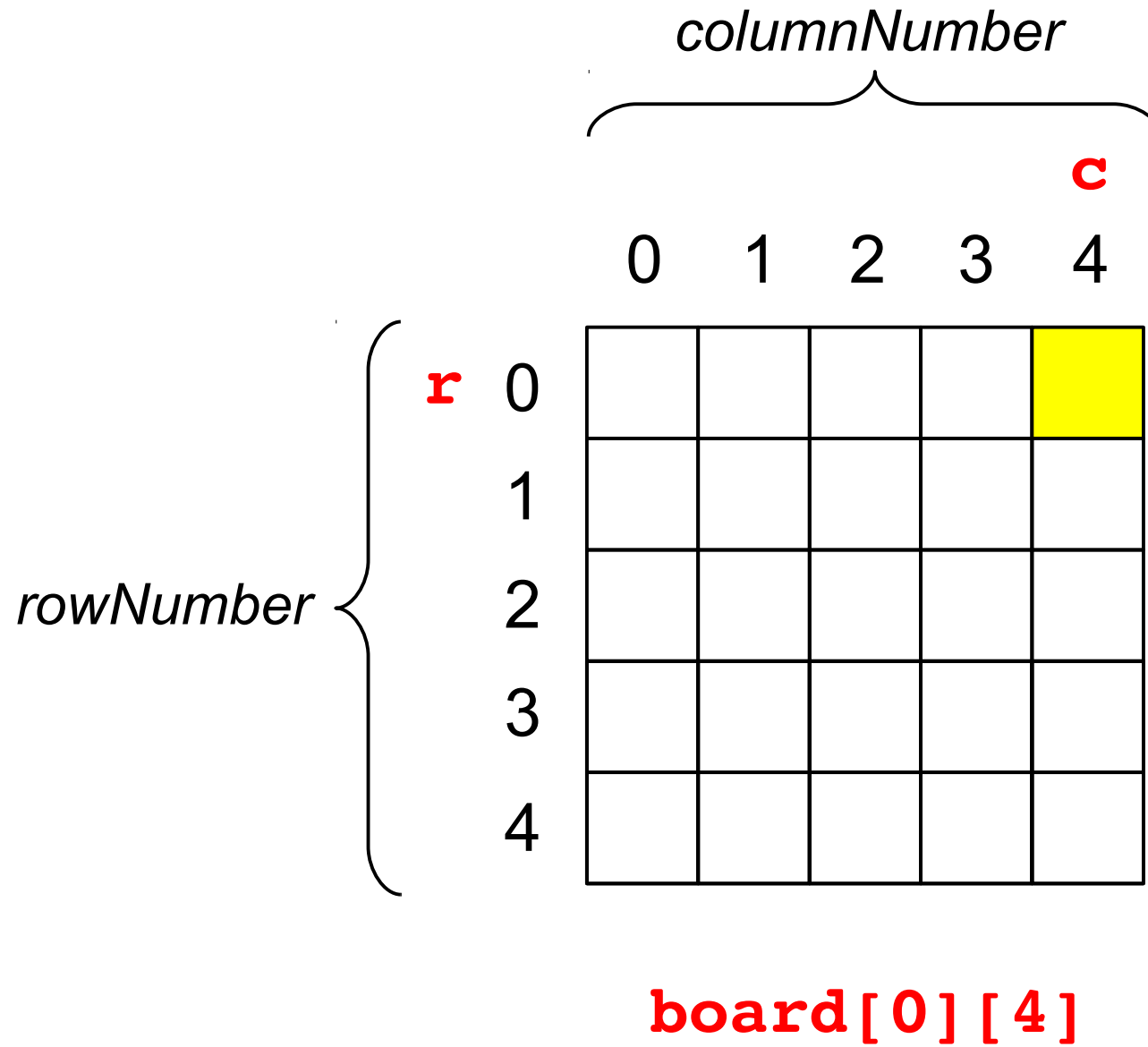
printBoard



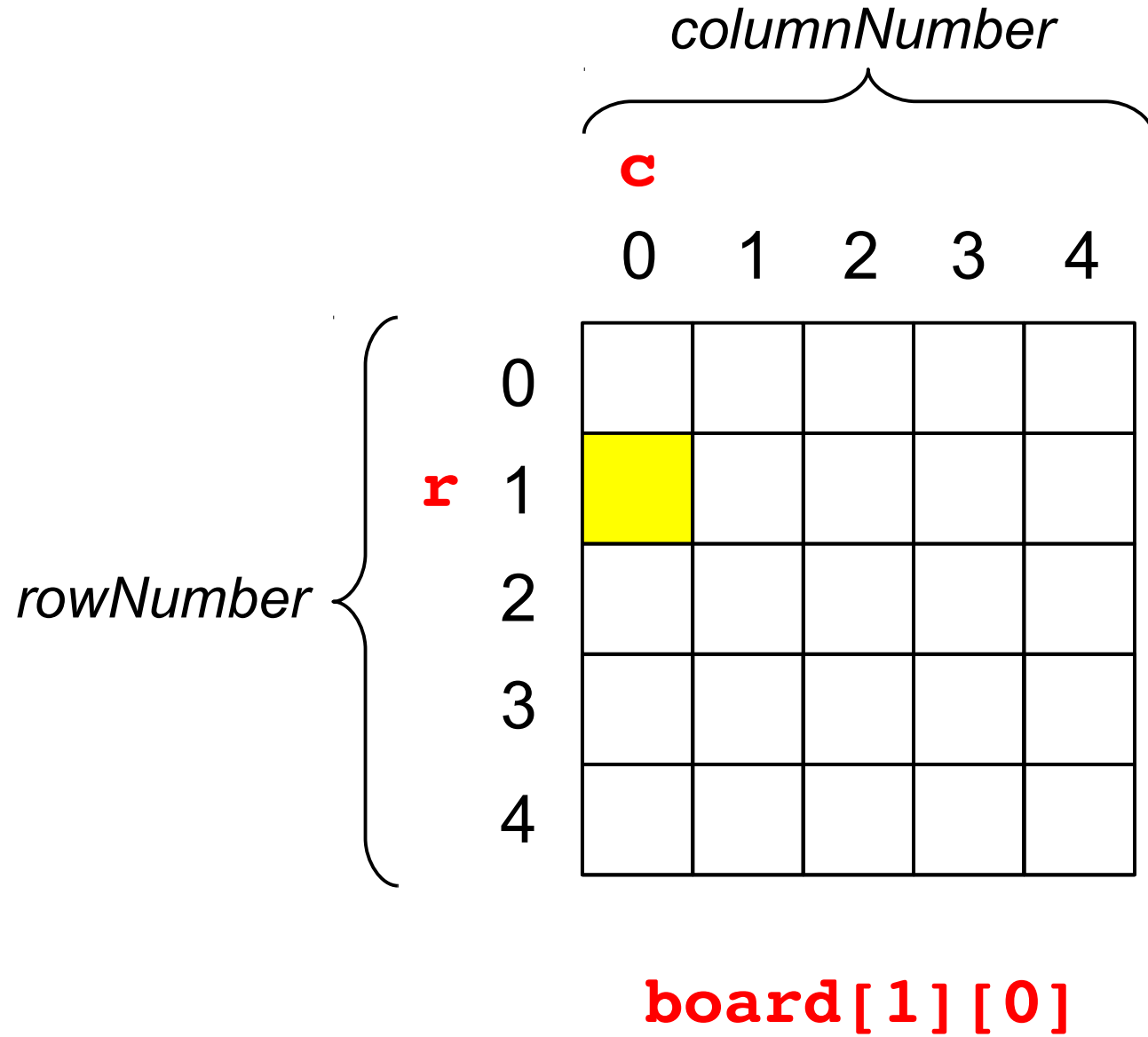
printBoard



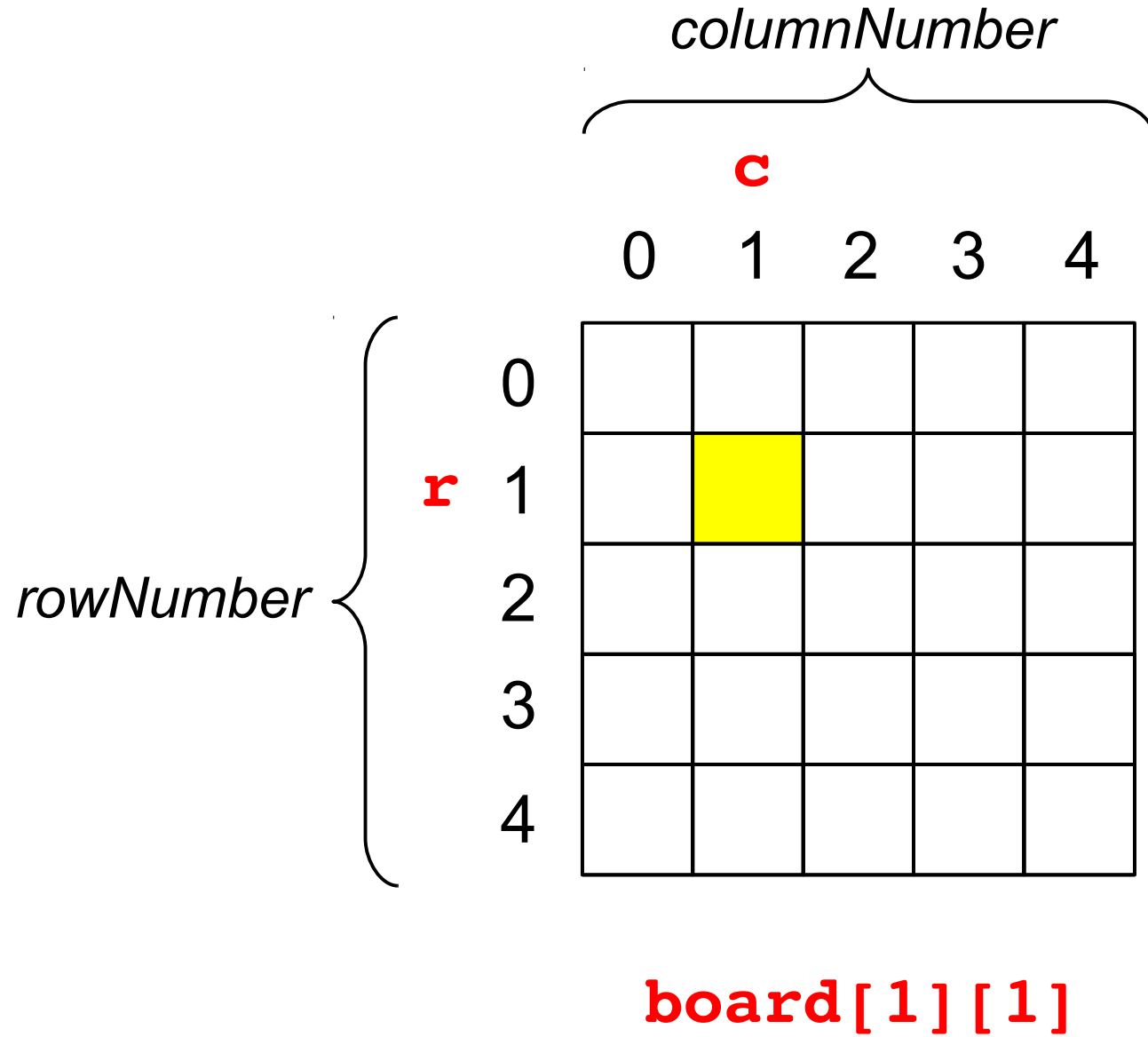
printBoard



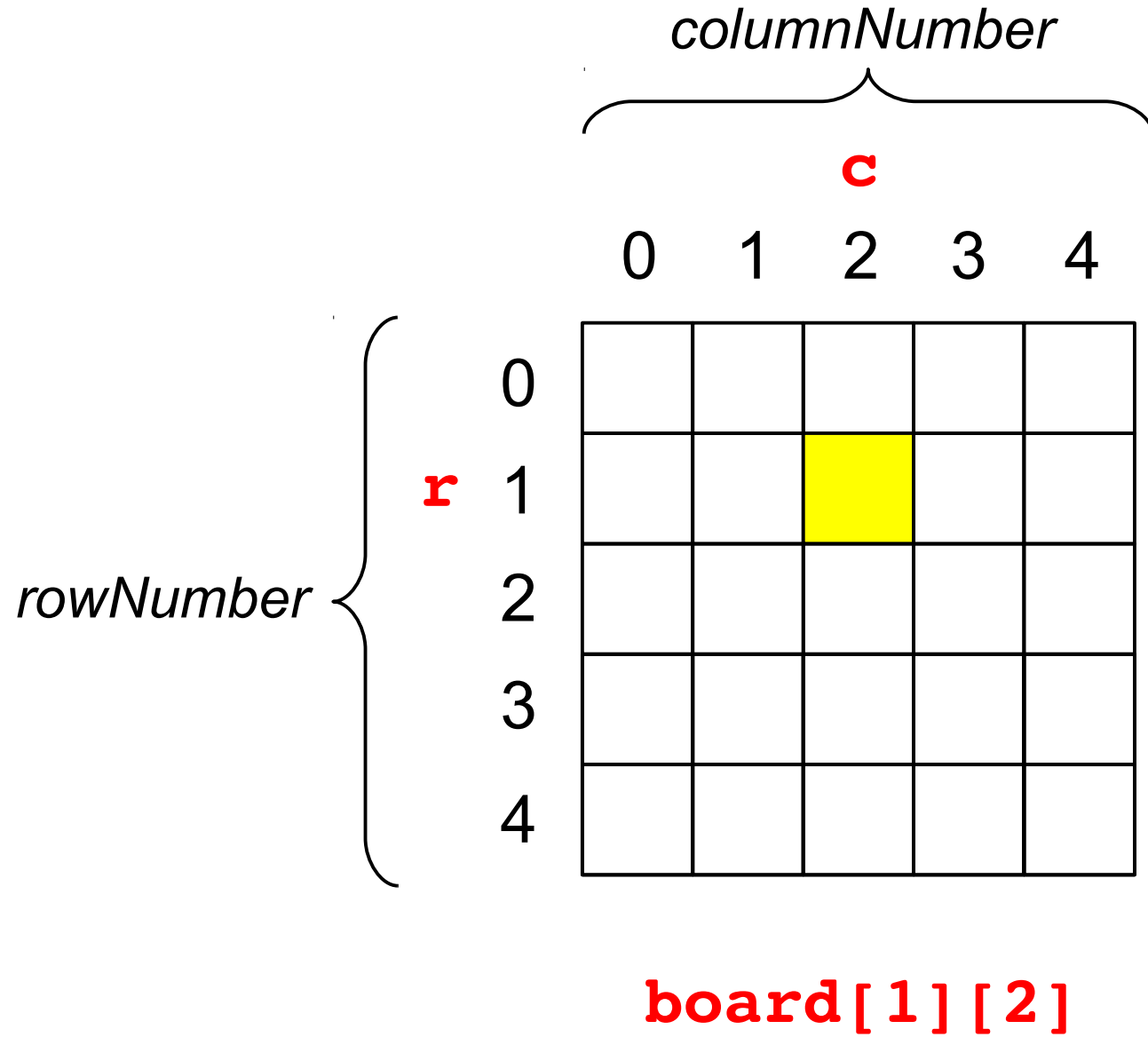
printBoard



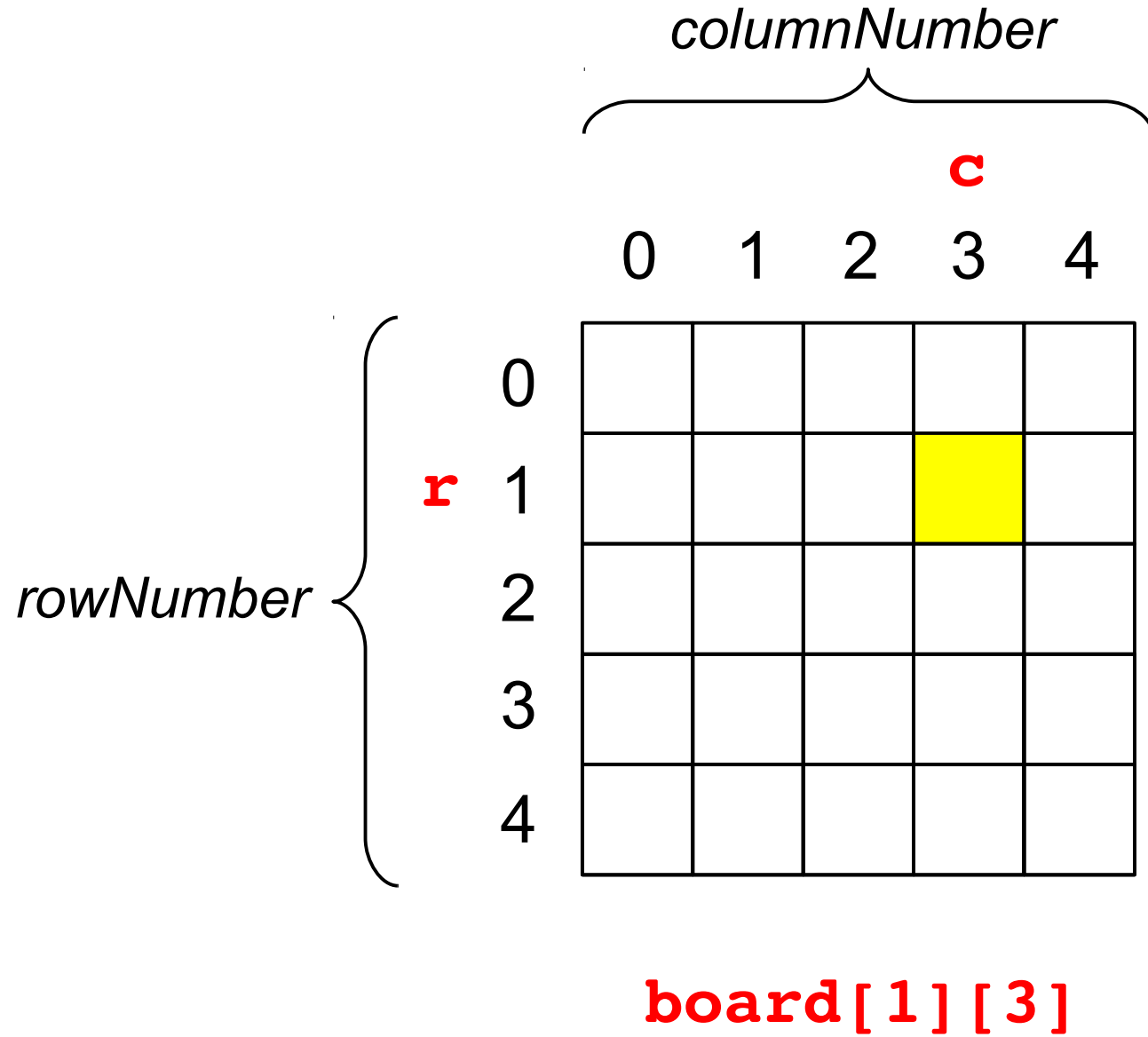
printBoard



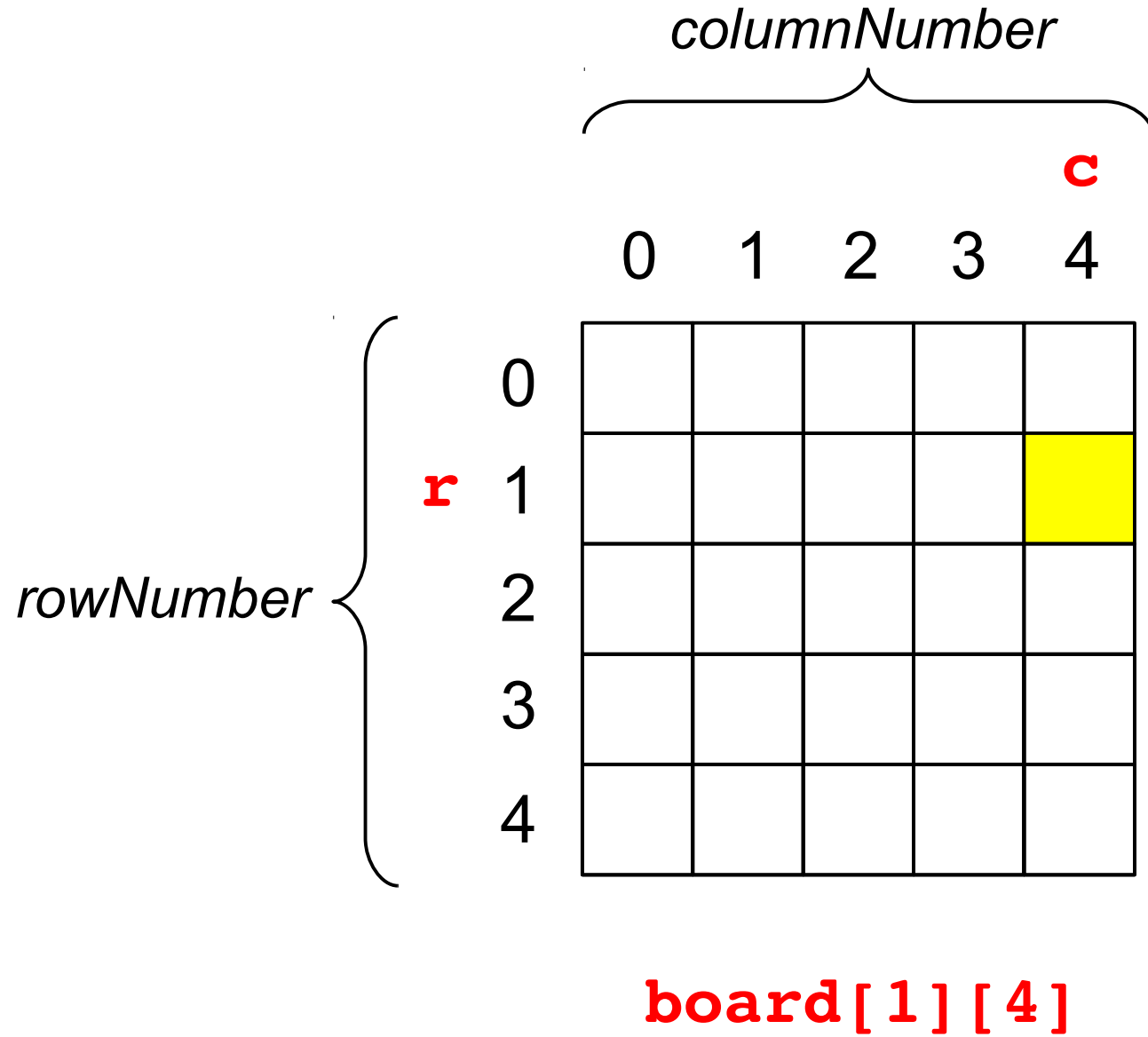
printBoard



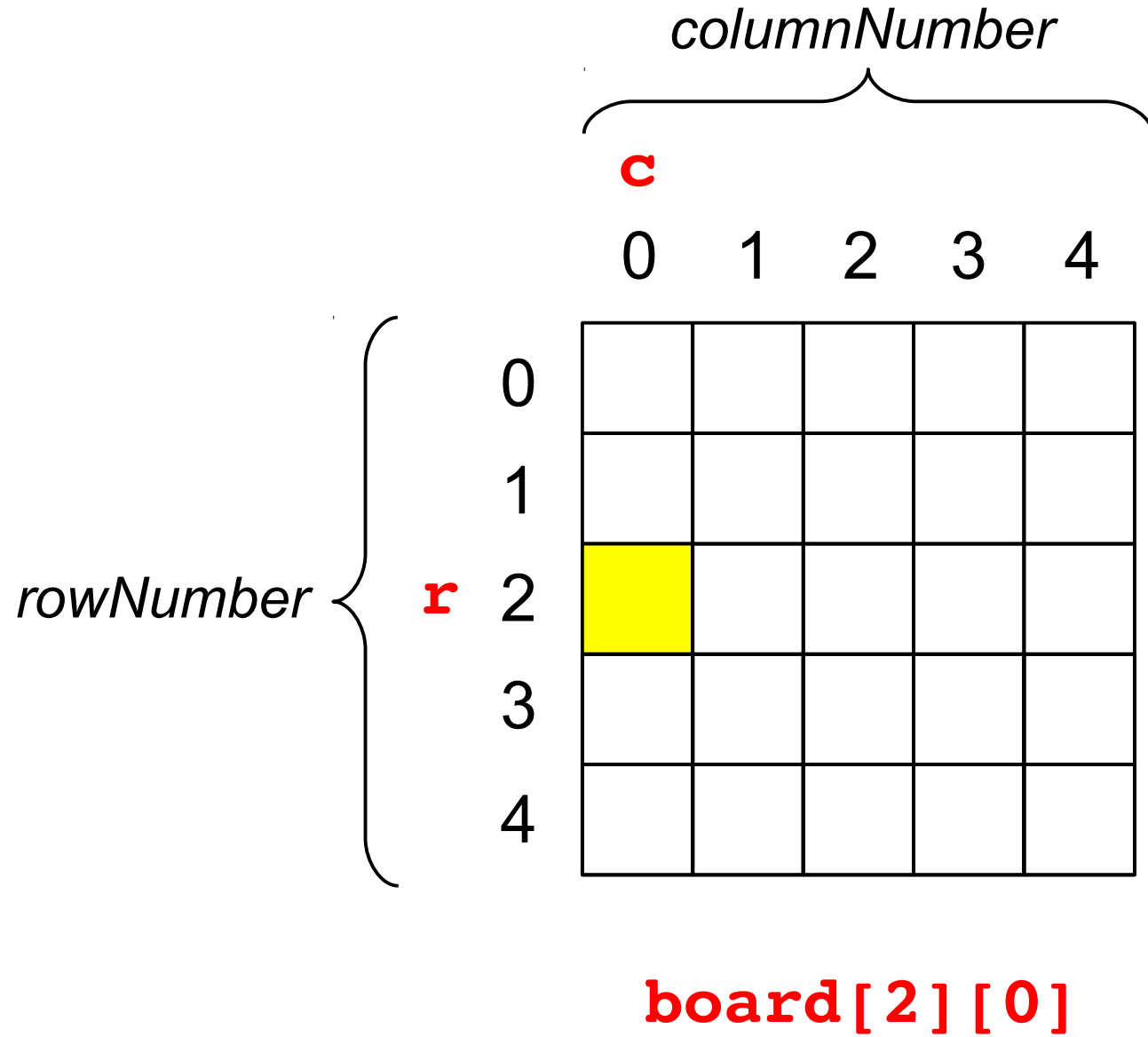
printBoard



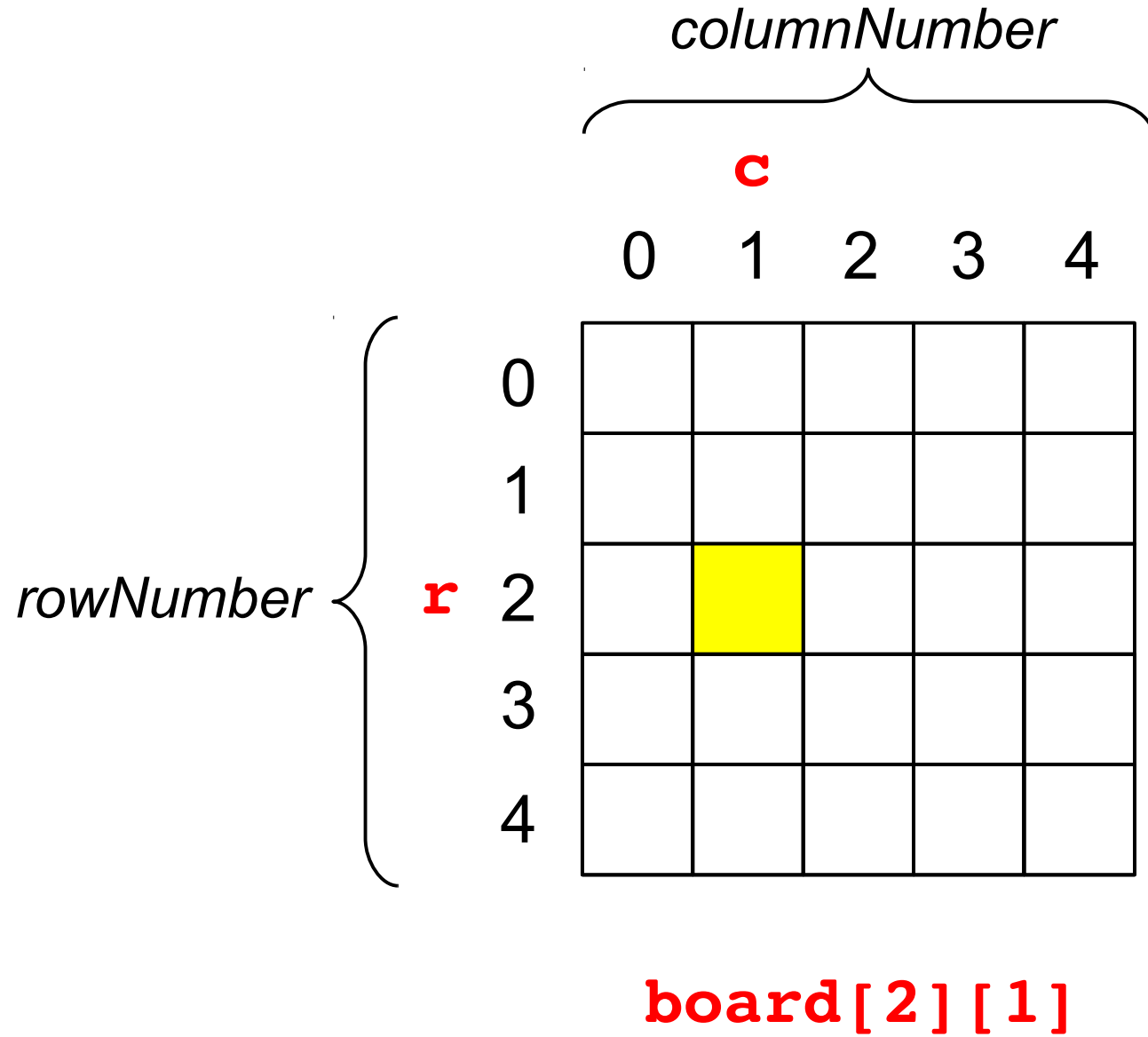
printBoard



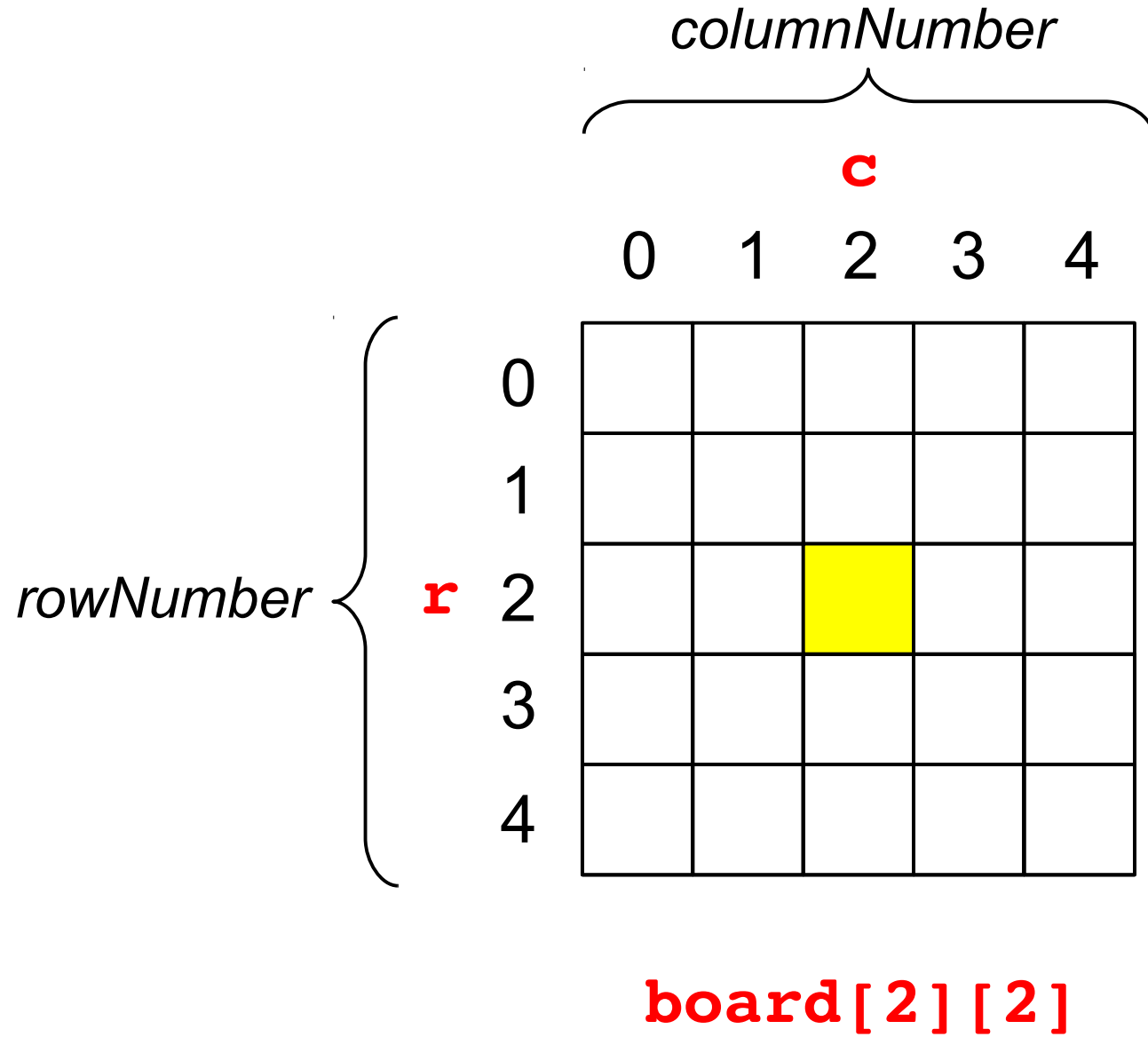
printBoard



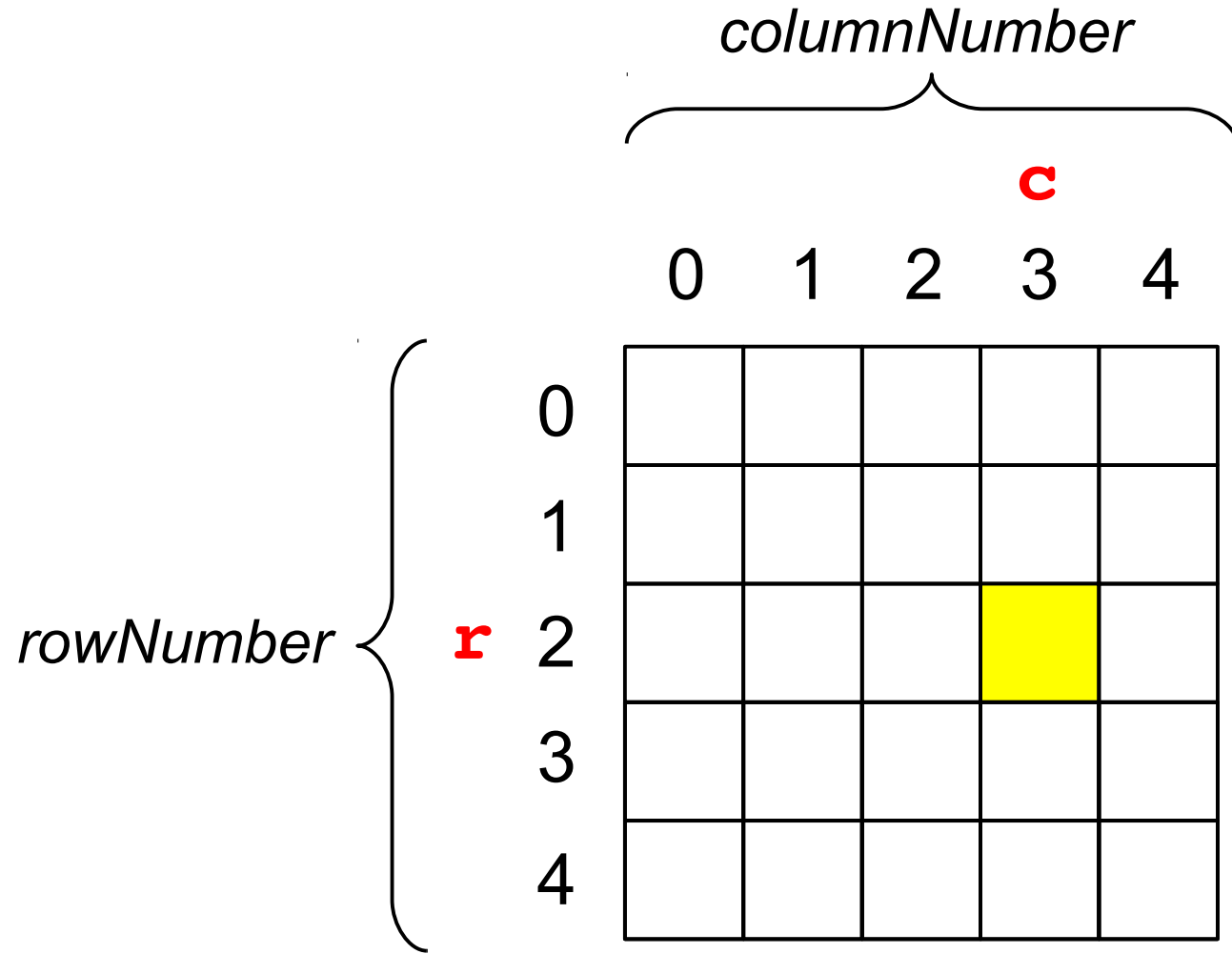
printBoard



printBoard

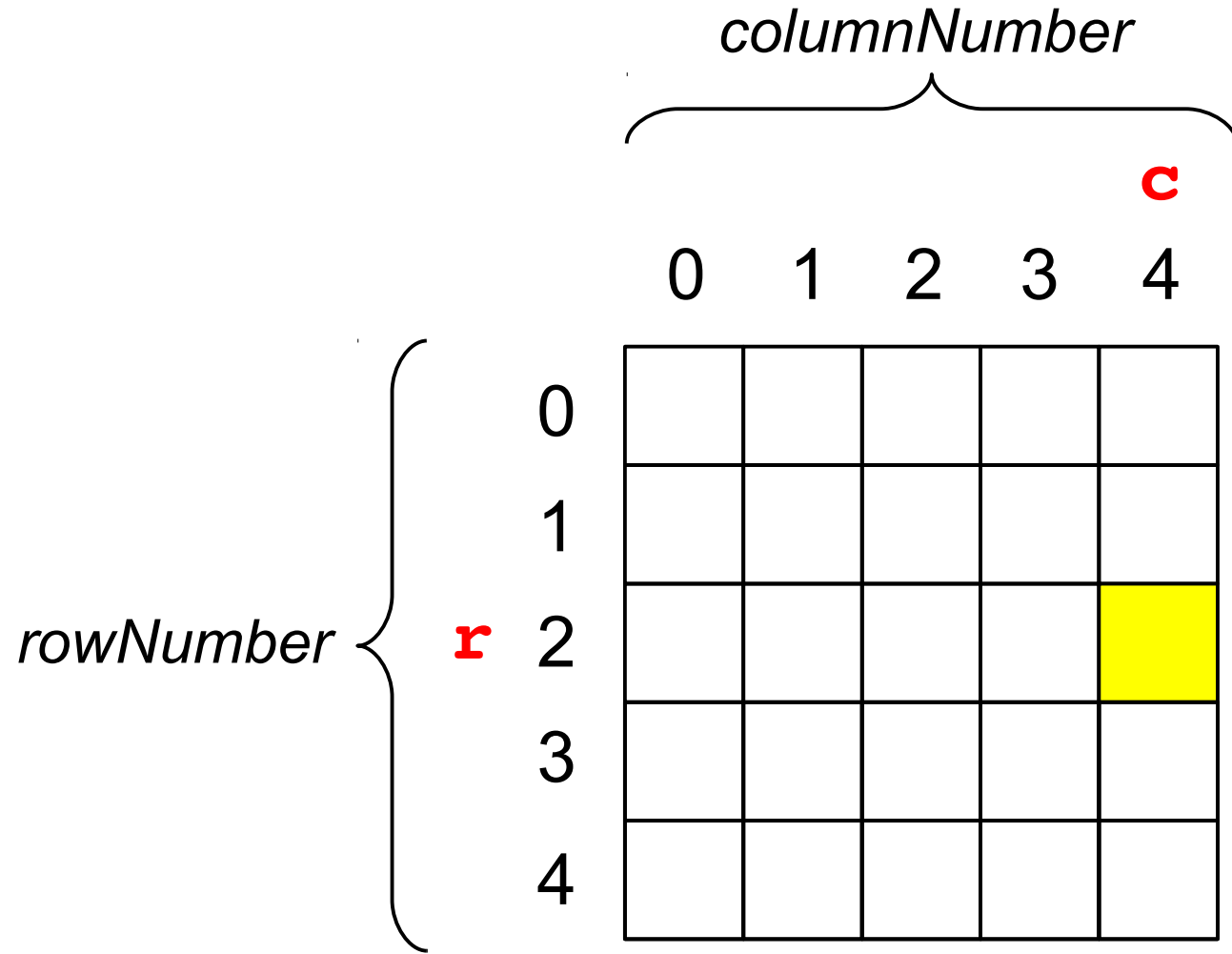


printBoard



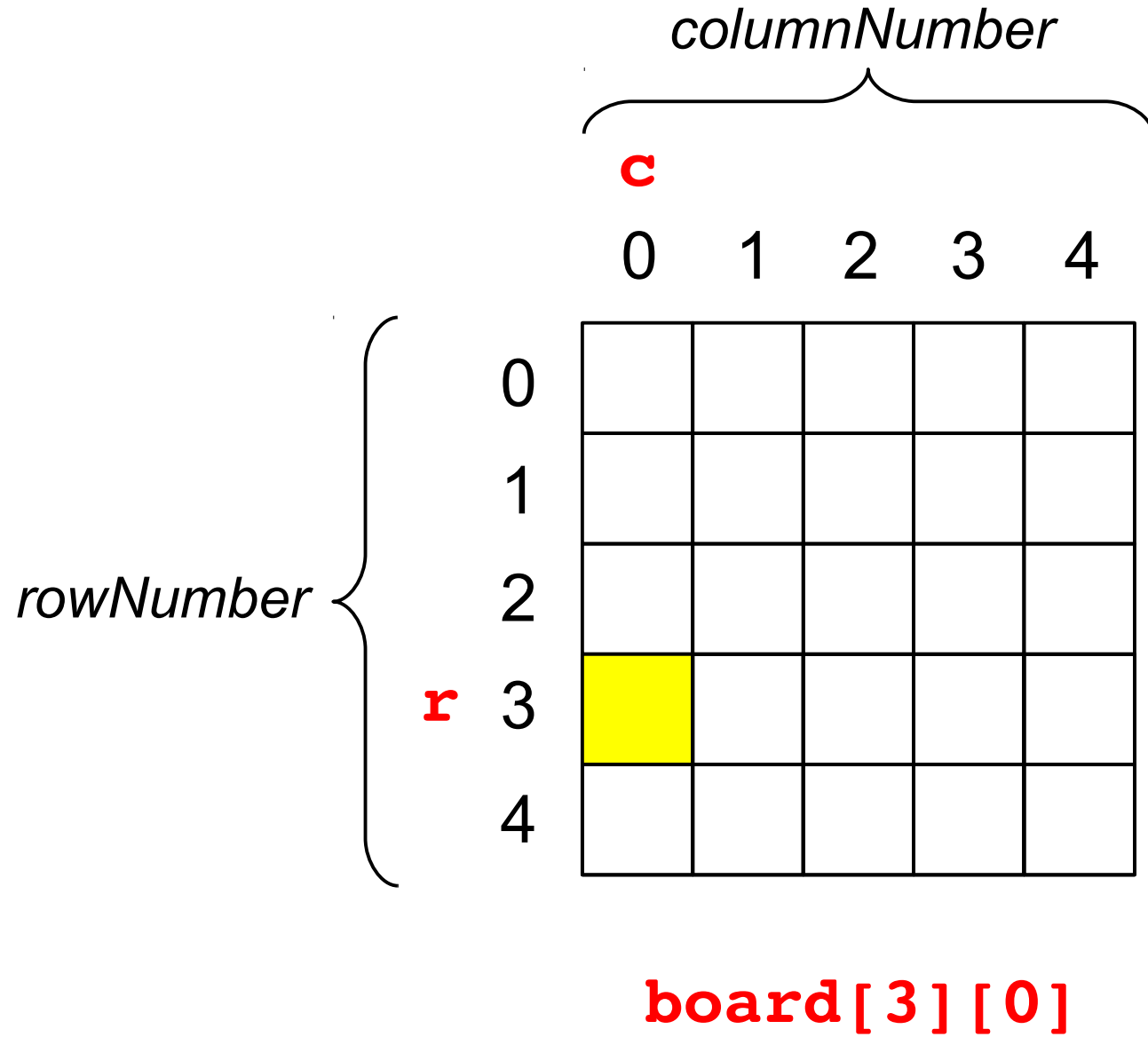
board[2][3]

printBoard

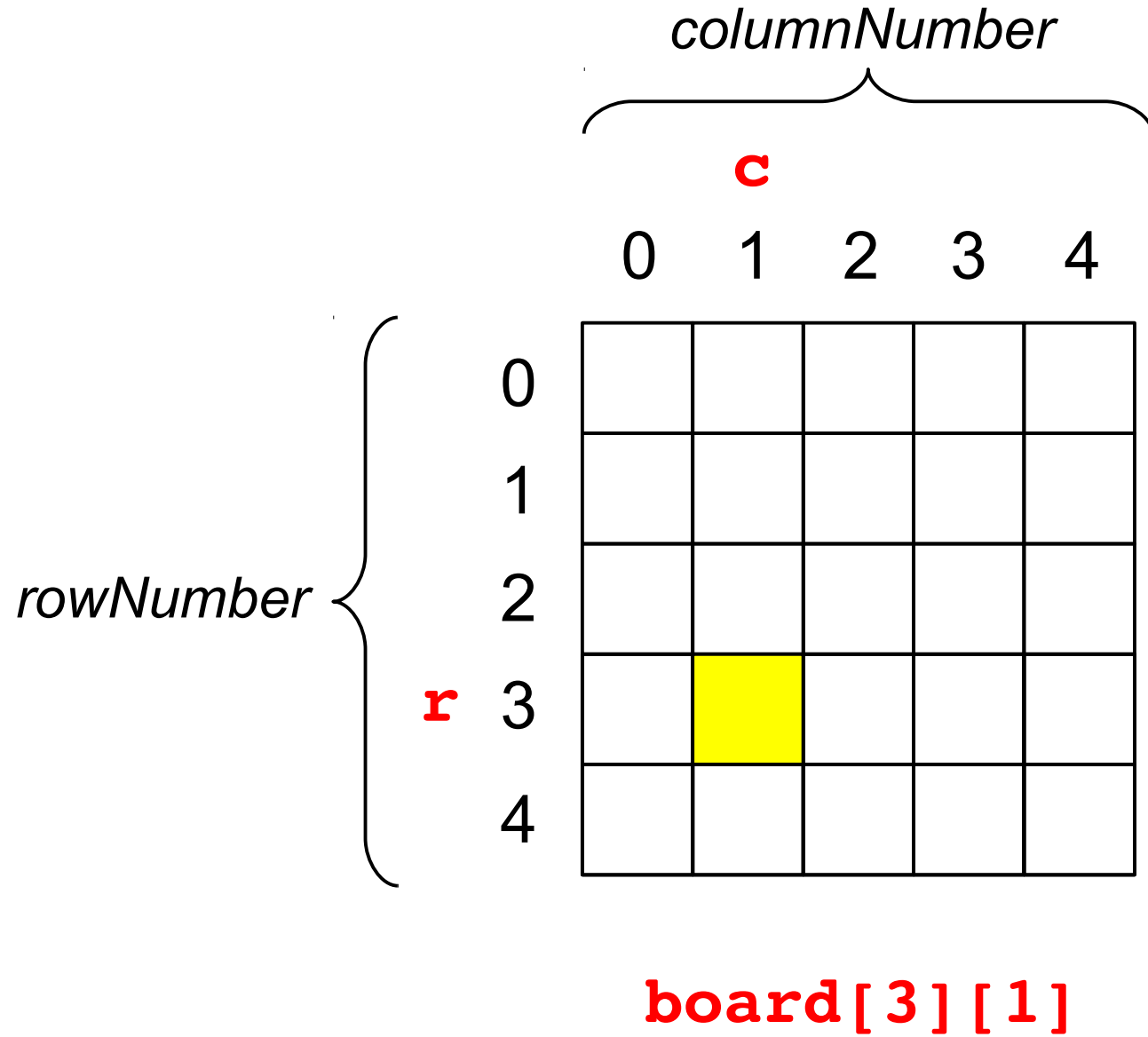


board[2][4]

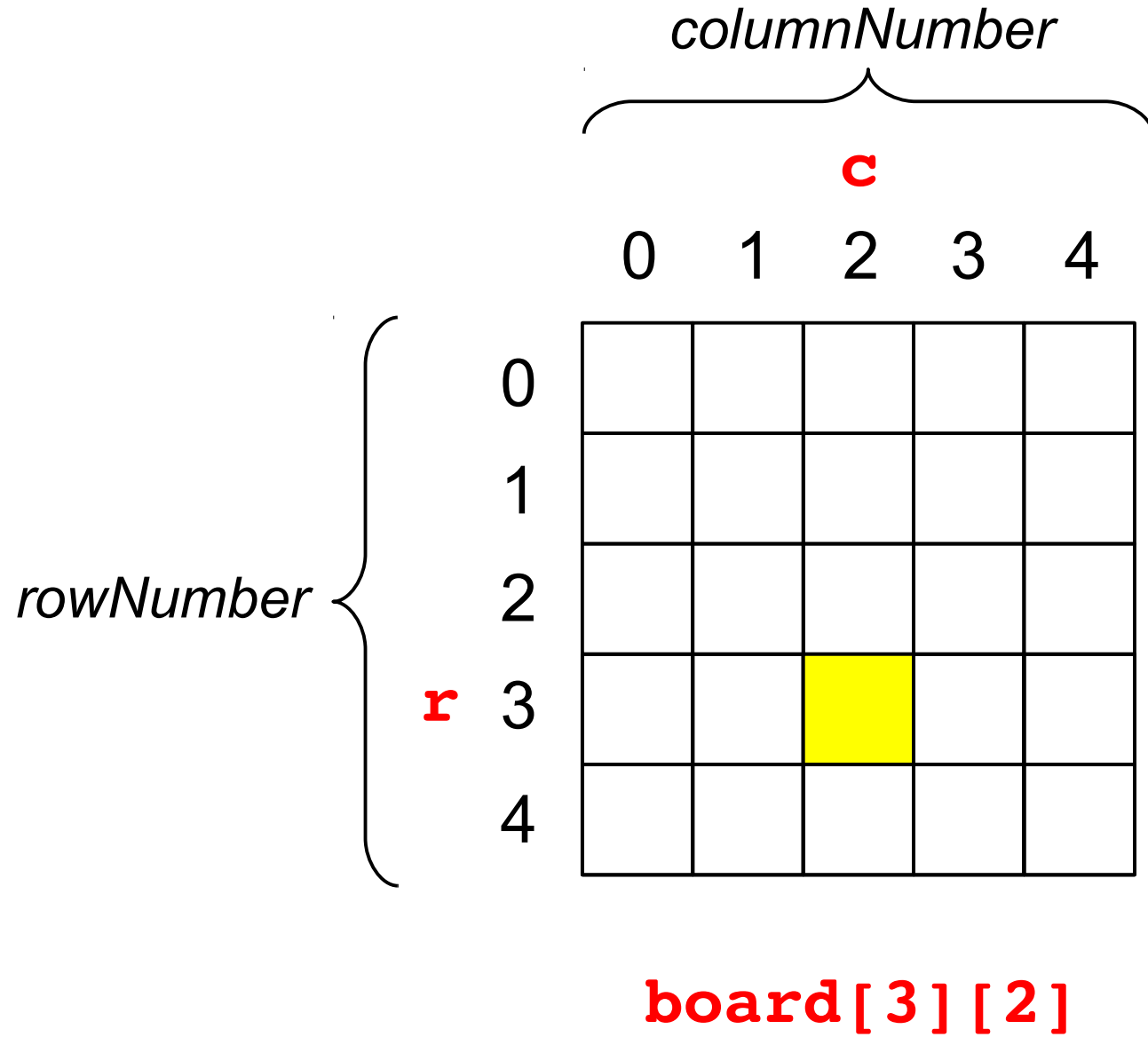
printBoard



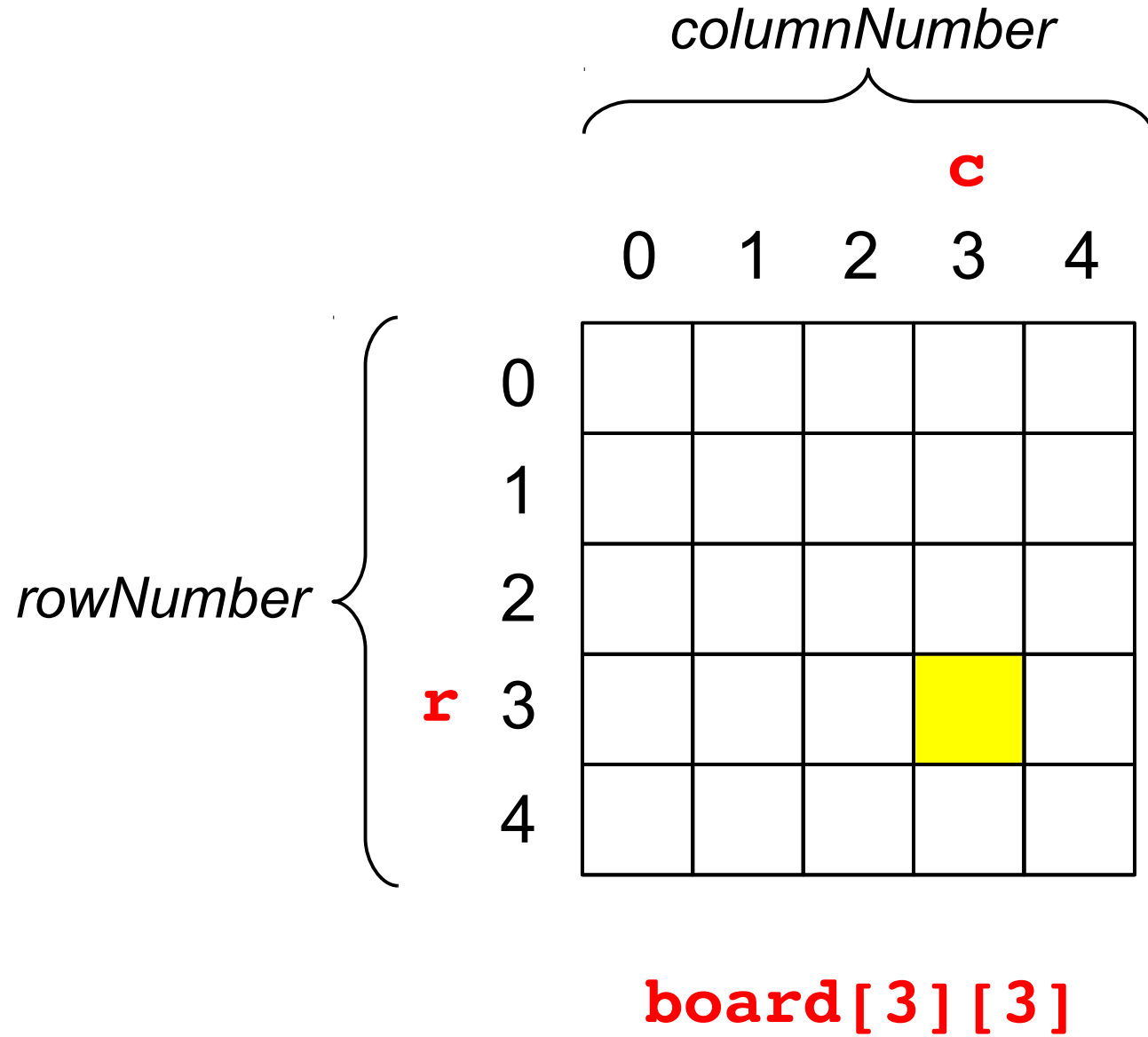
printBoard



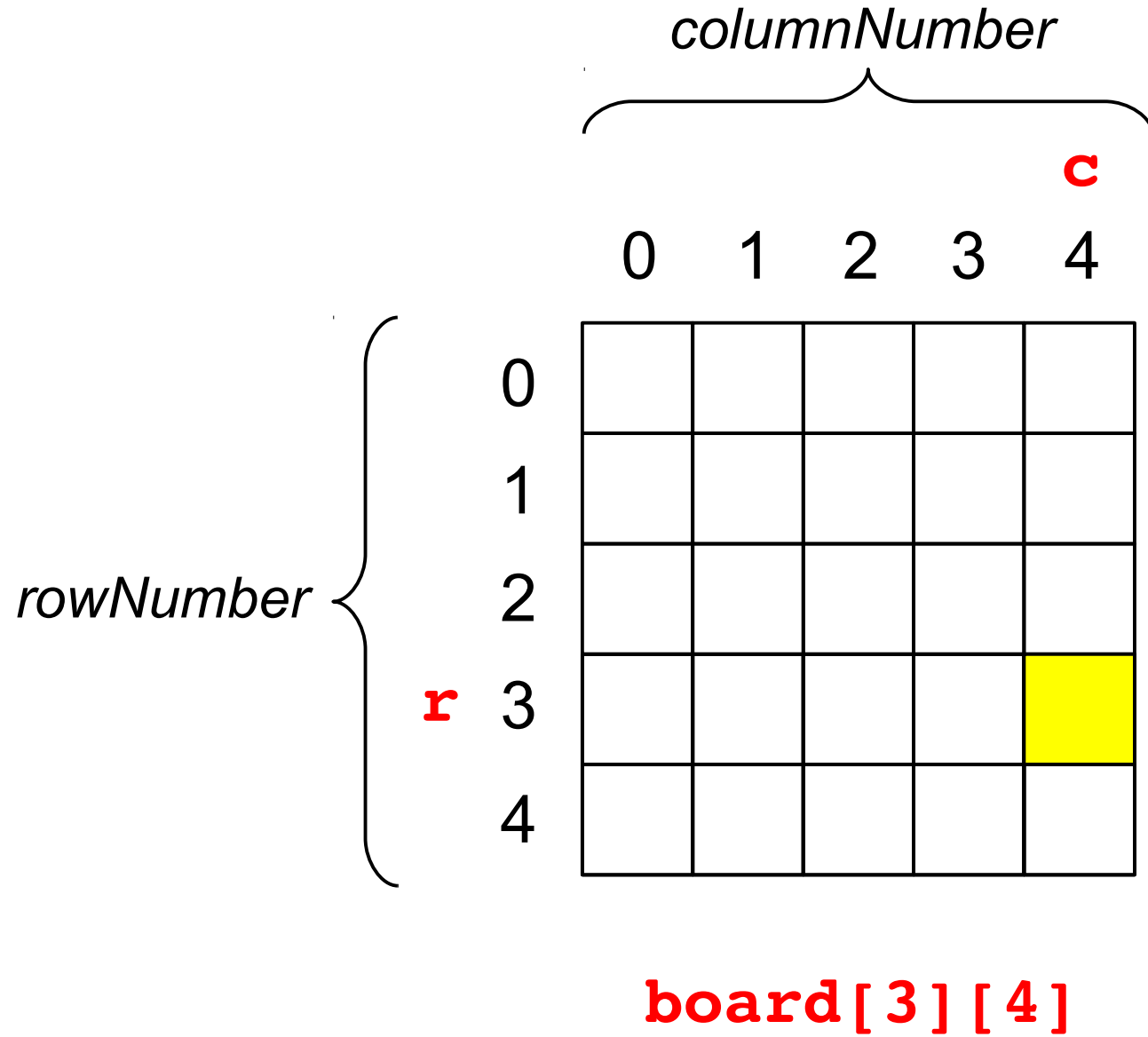
printBoard



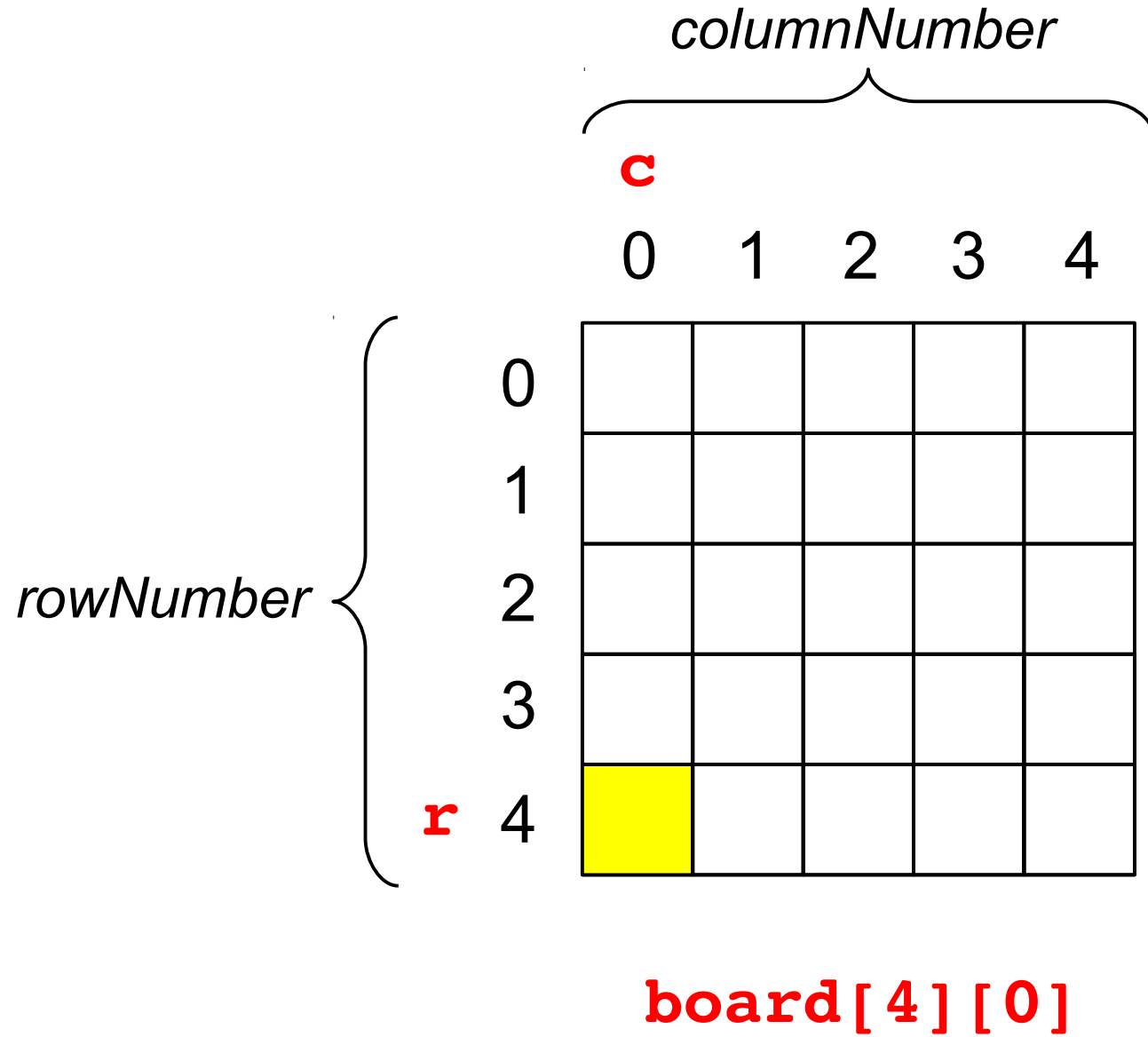
printBoard



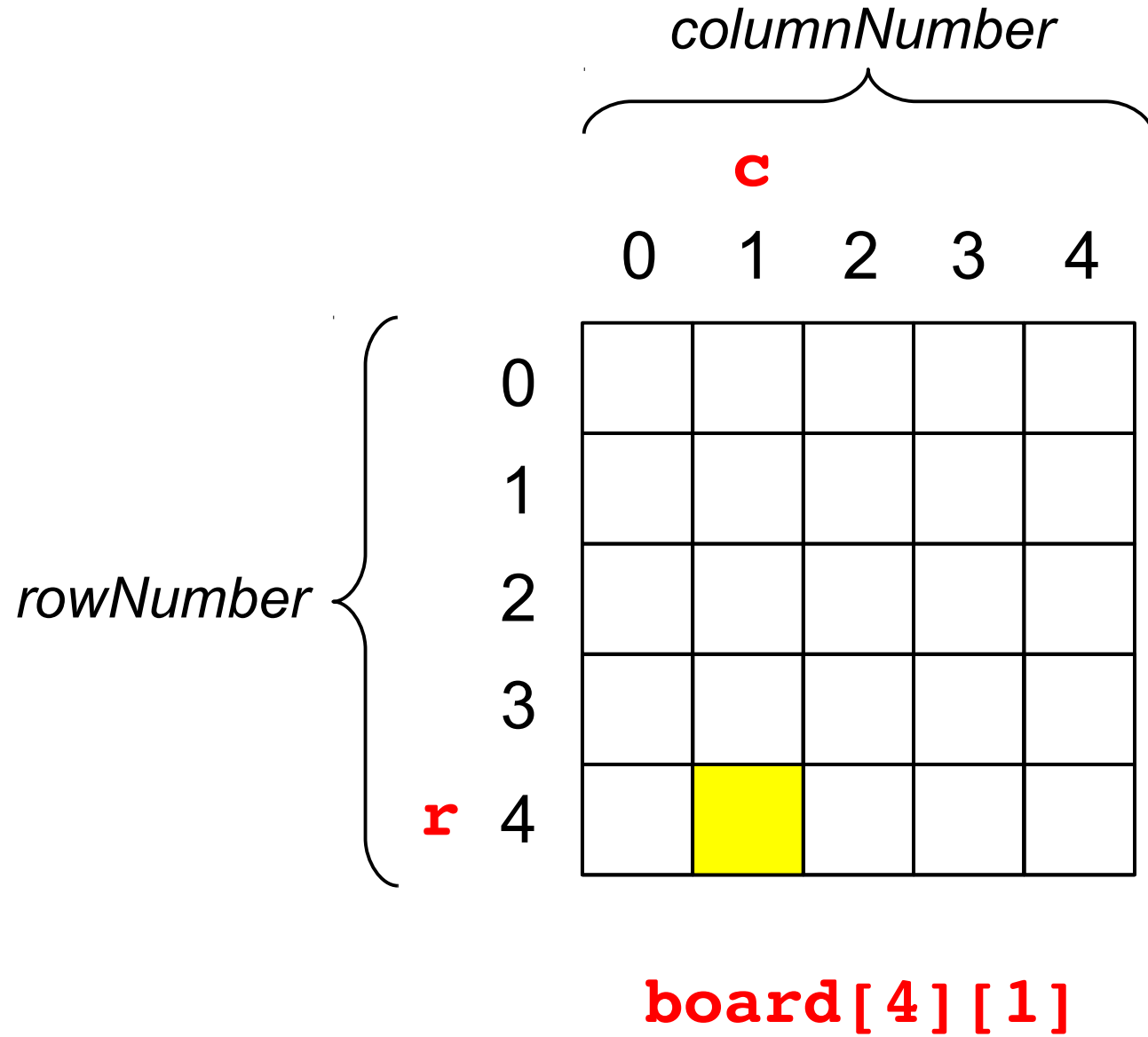
printBoard



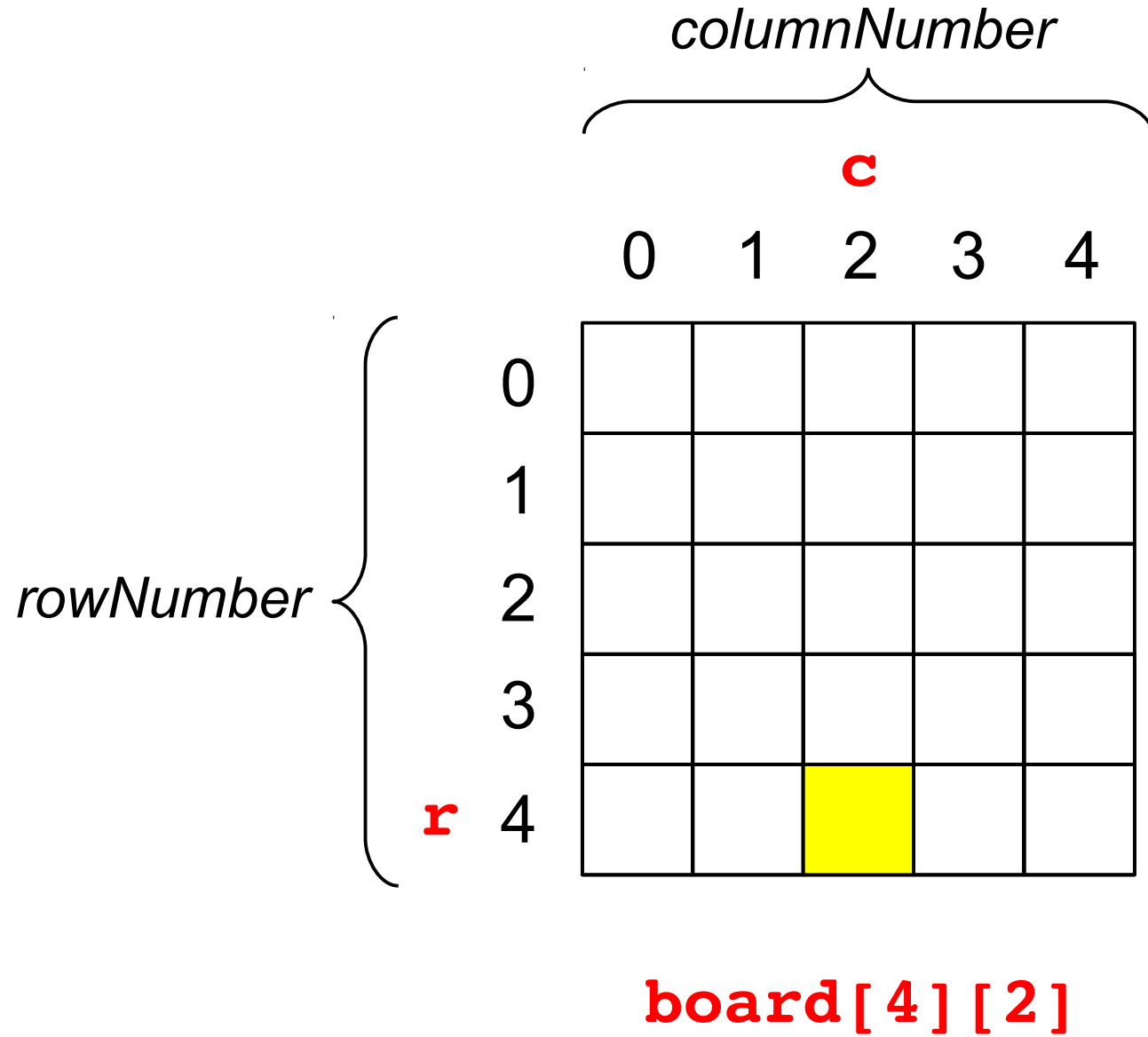
printBoard



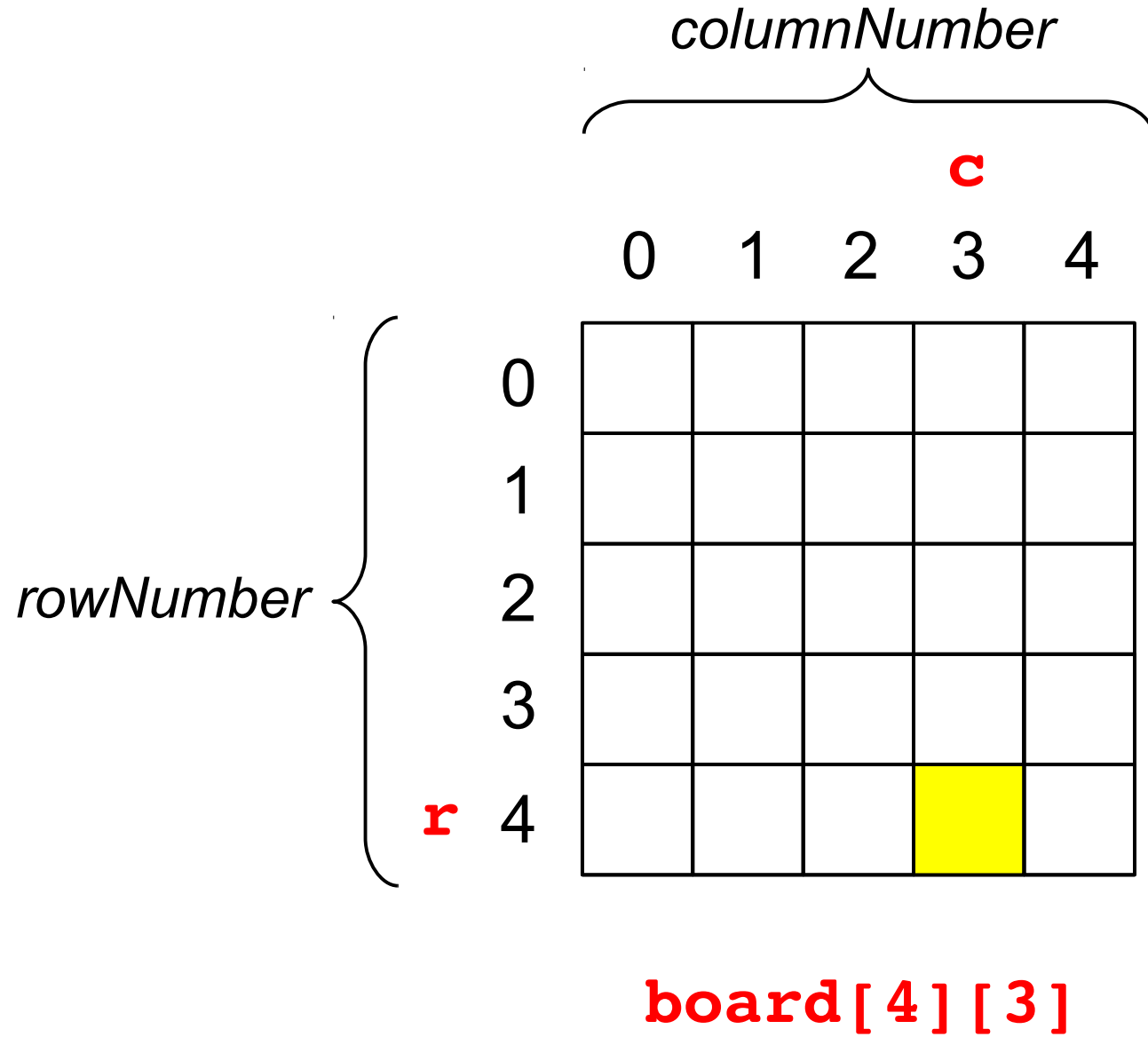
printBoard



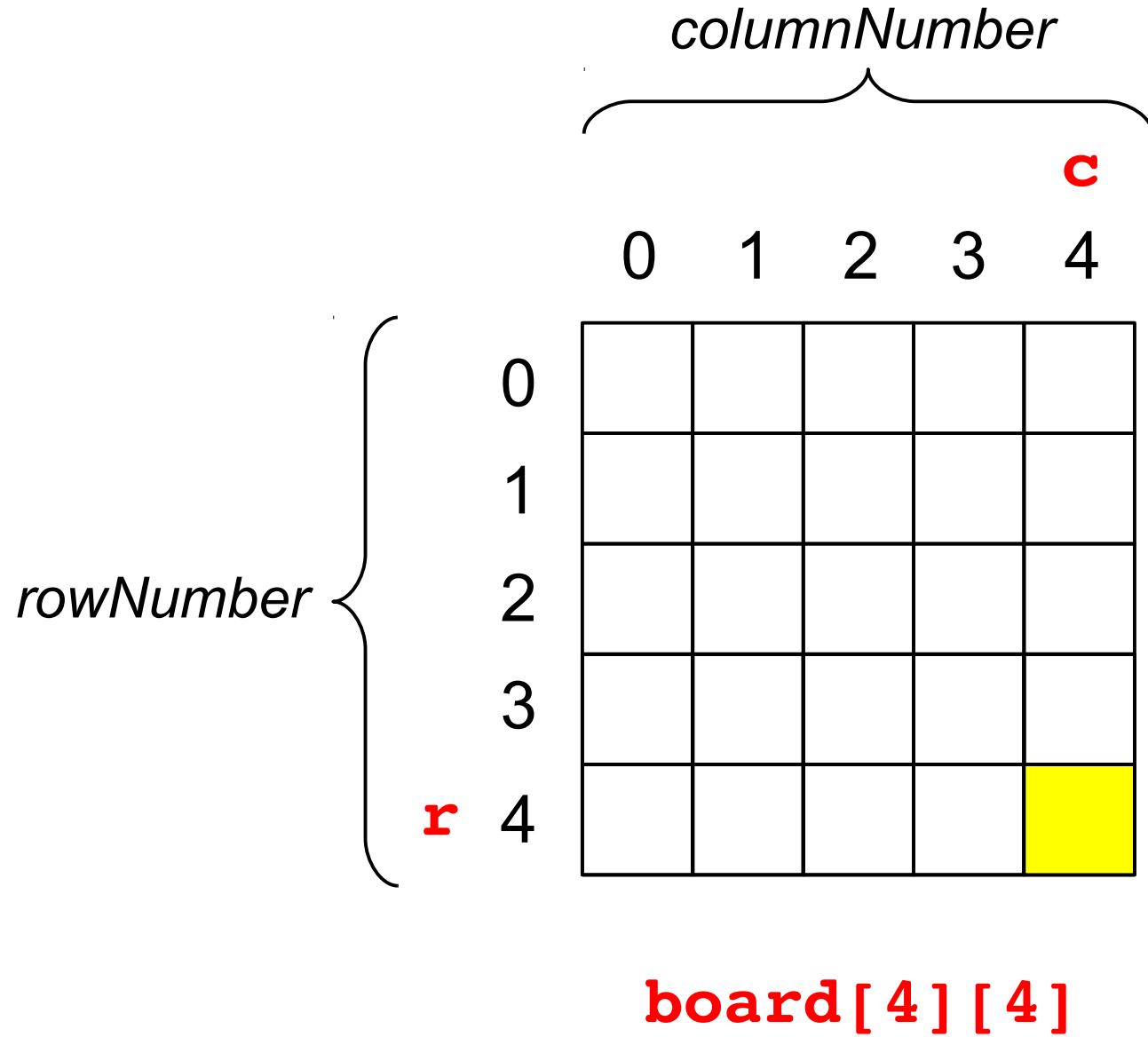
printBoard



printBoard

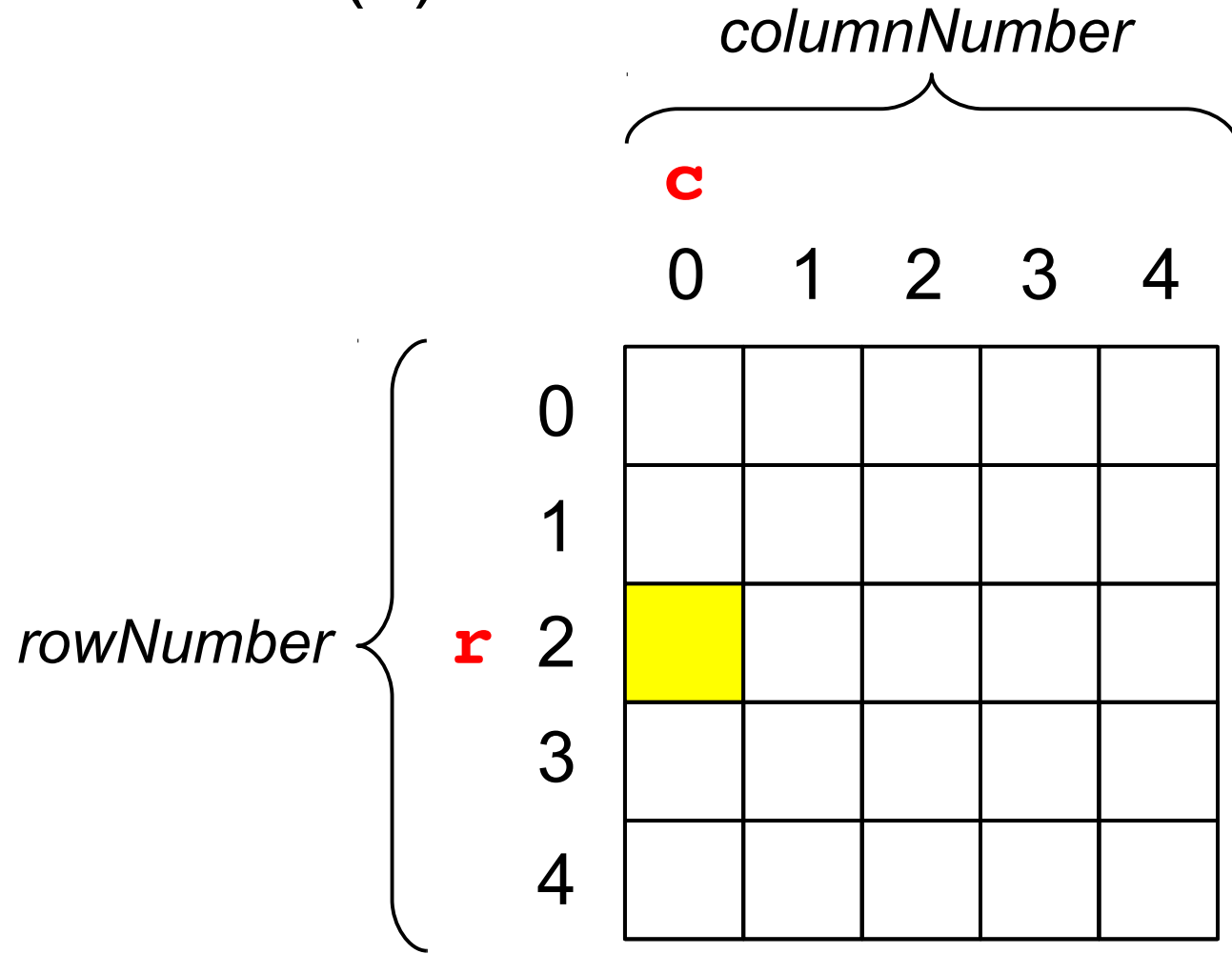


printBoard



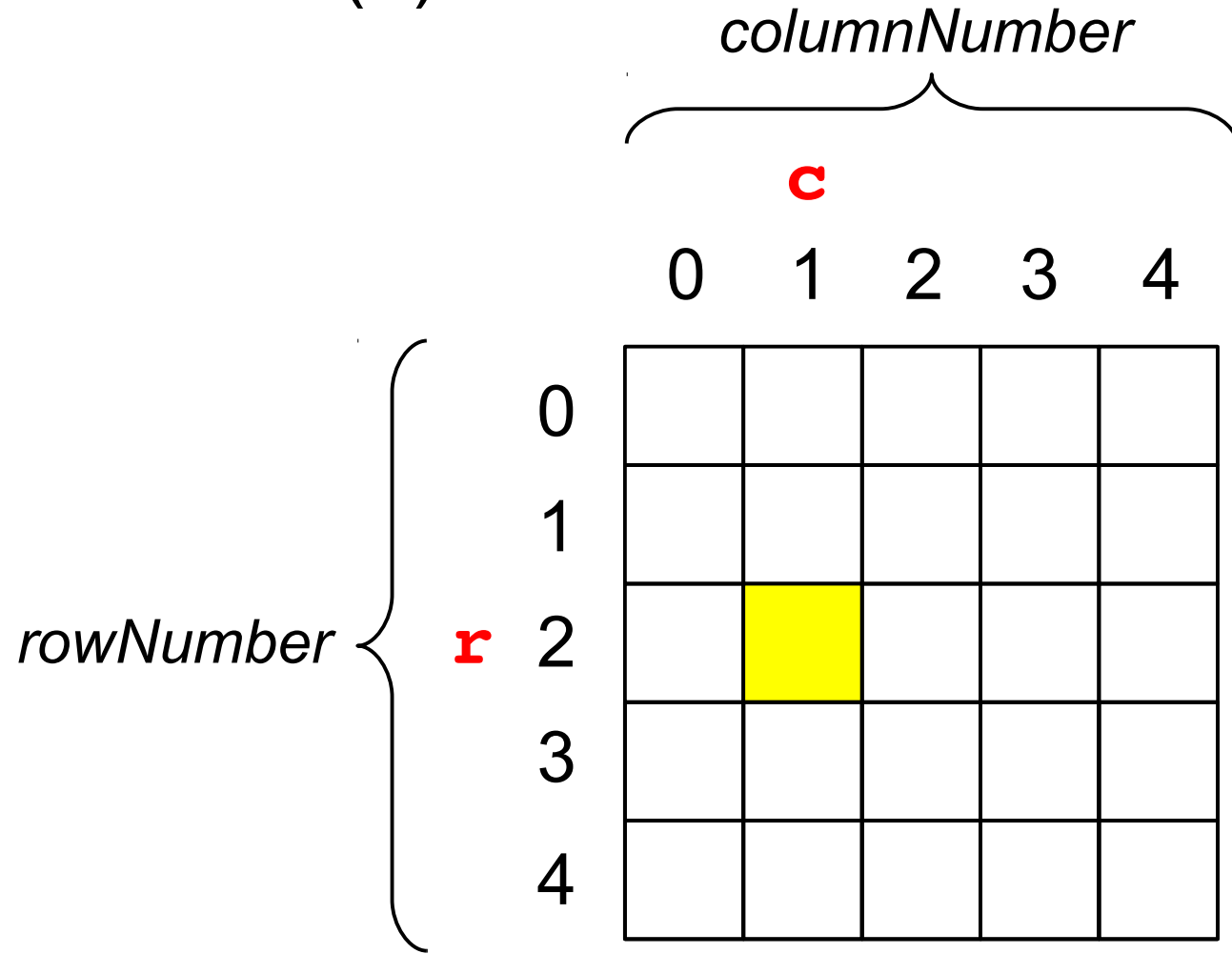
Checking for a Win

checkRow(2)



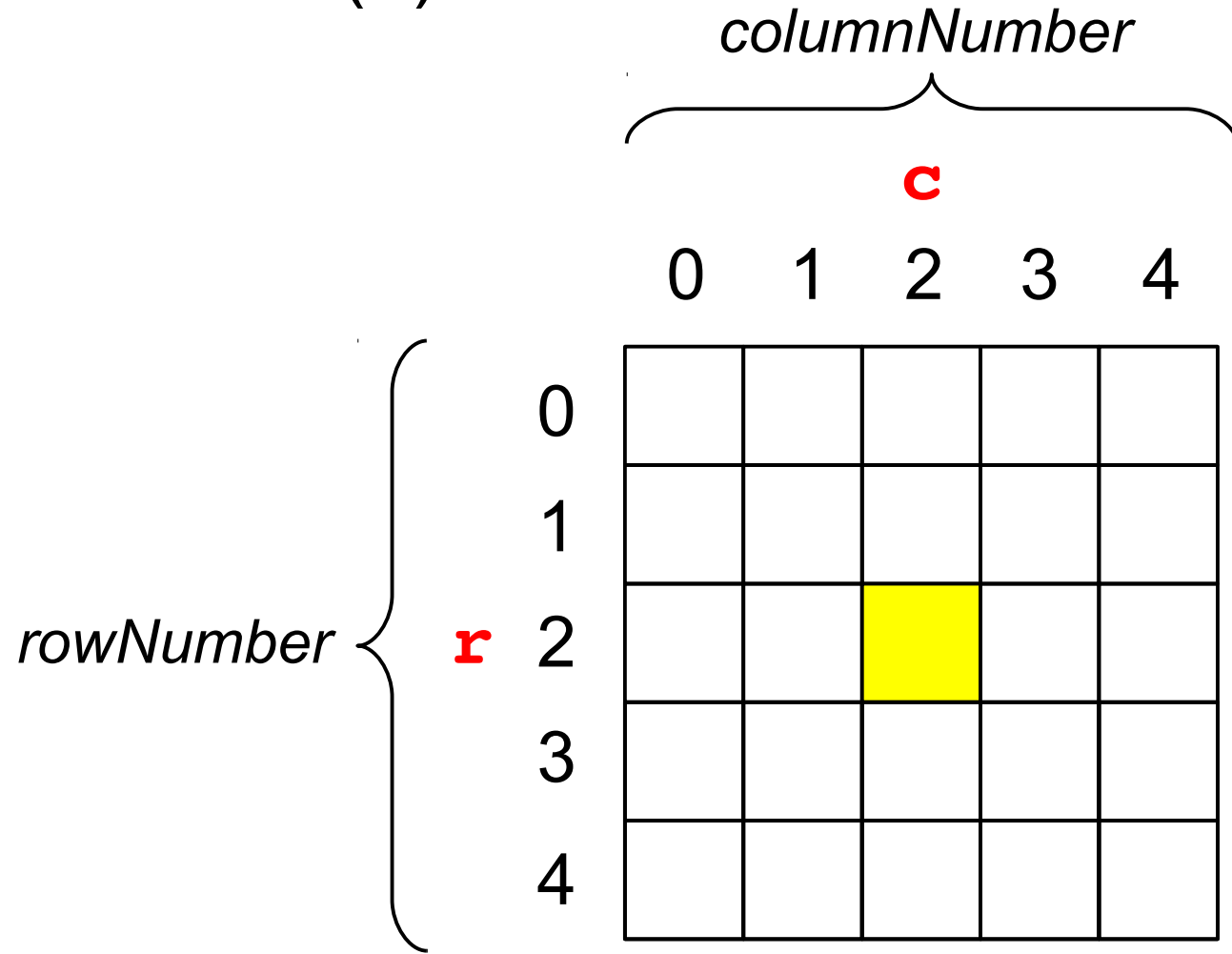
$c = c + 1$

checkRow(2)

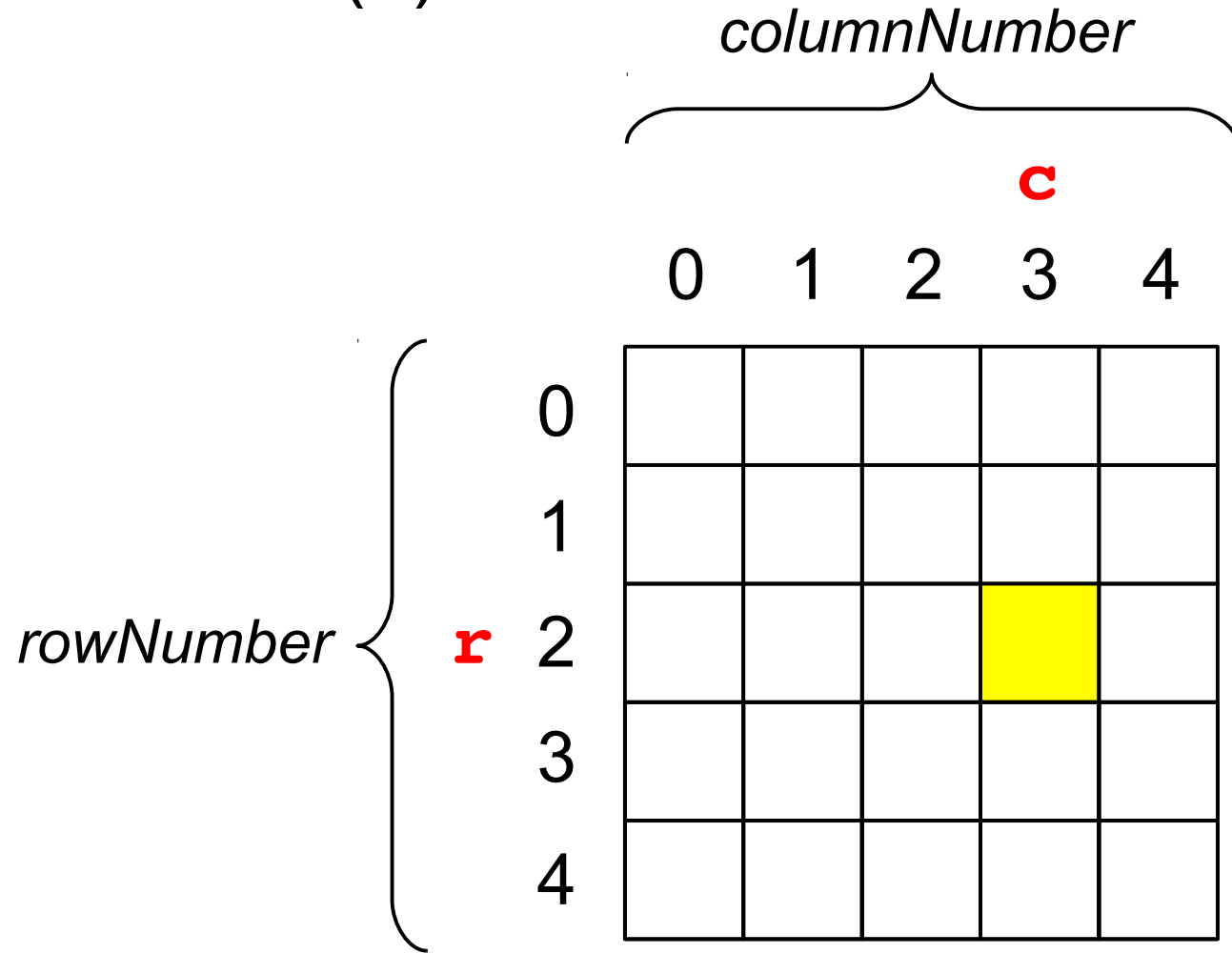


c = c + 1

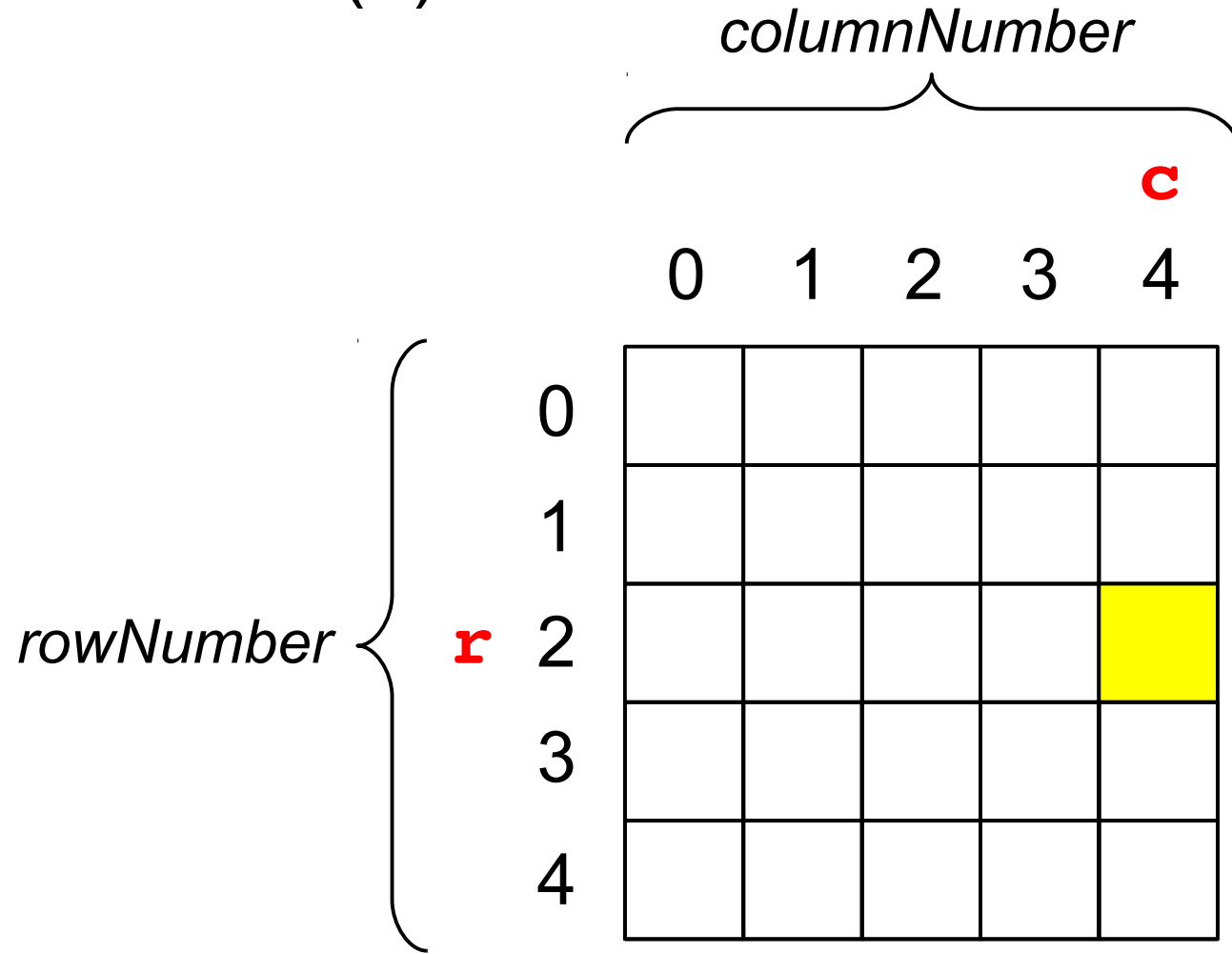
checkRow(2)



checkRow(2)

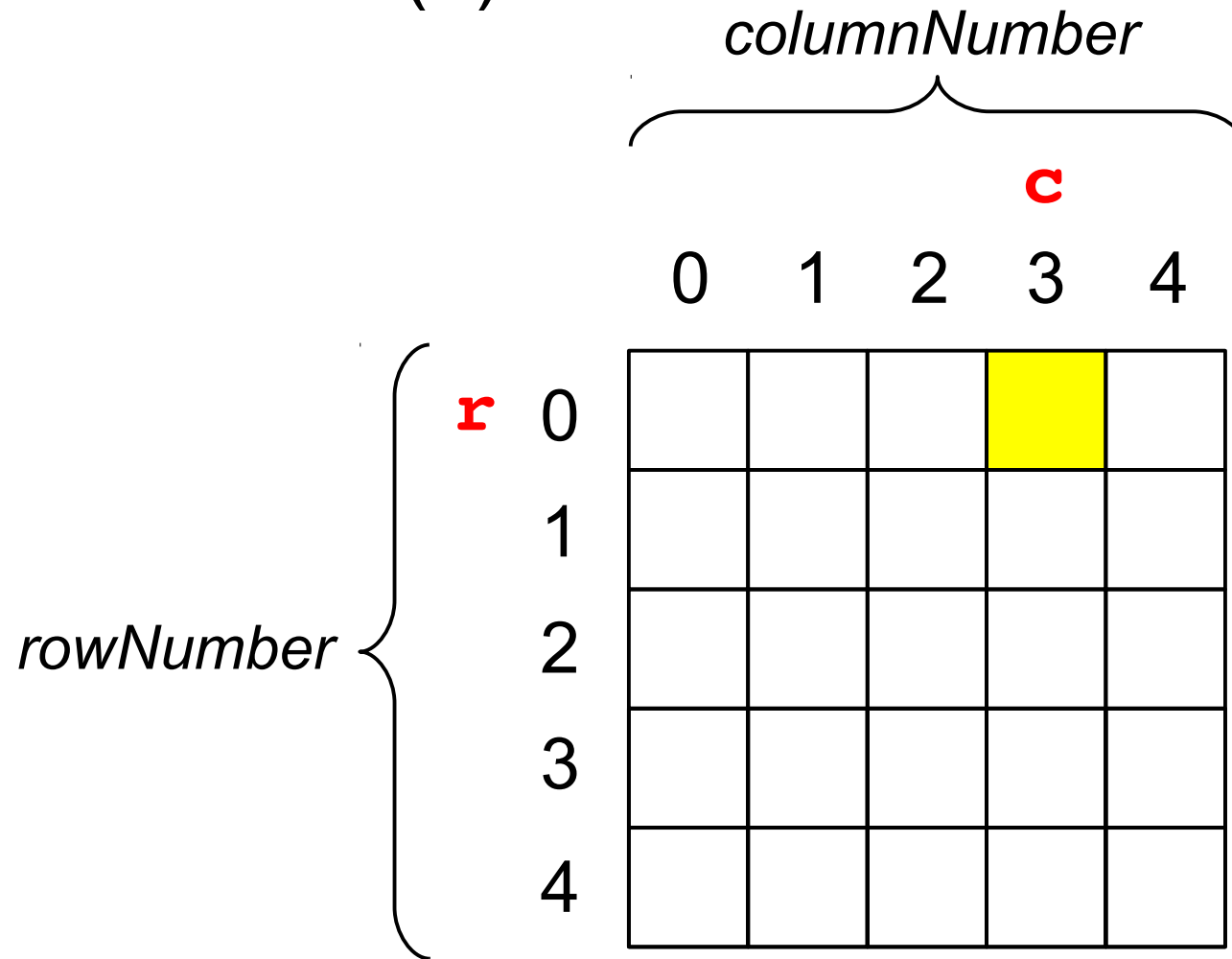


checkRow(2)



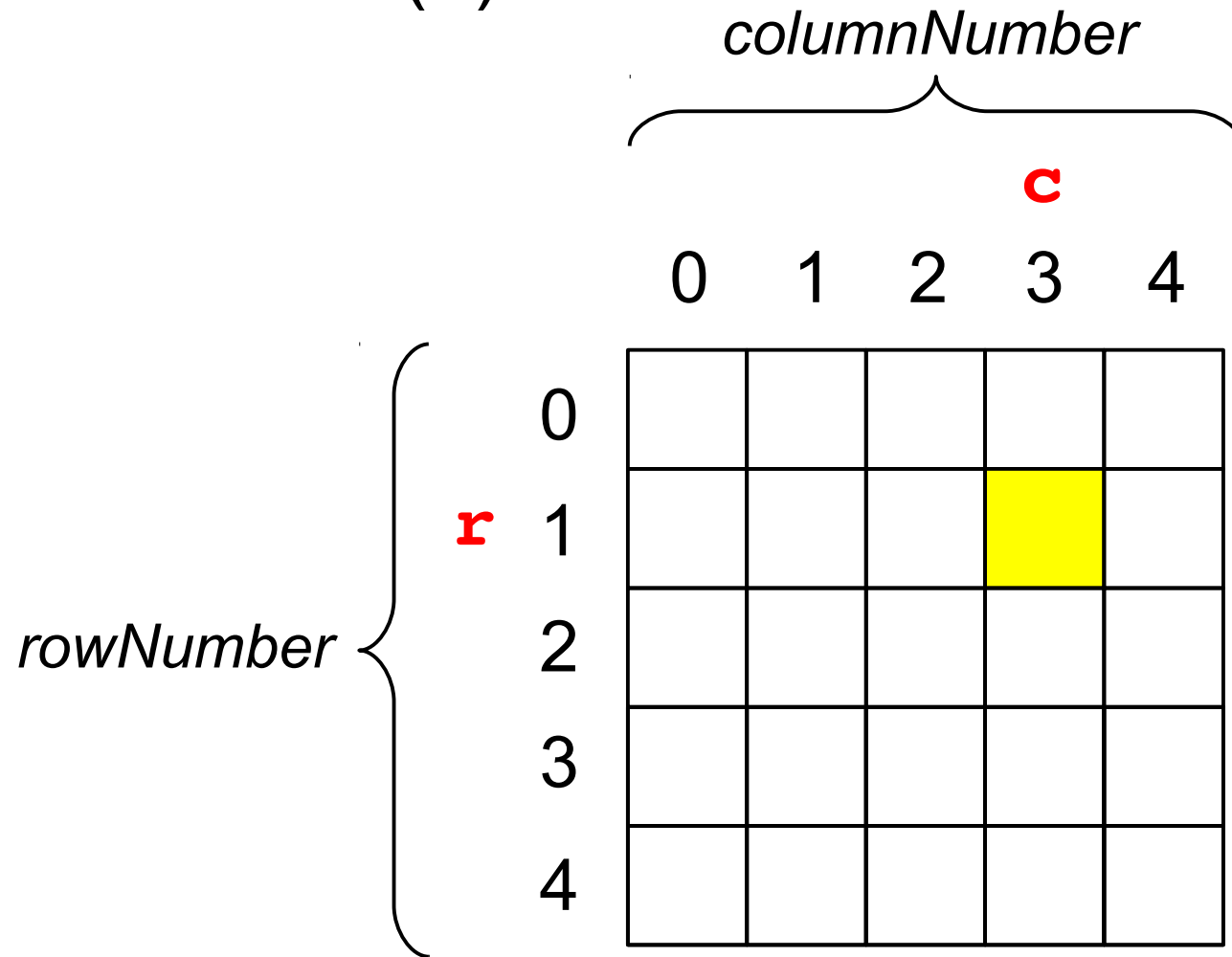
c = c + 1

checkColumn(3)



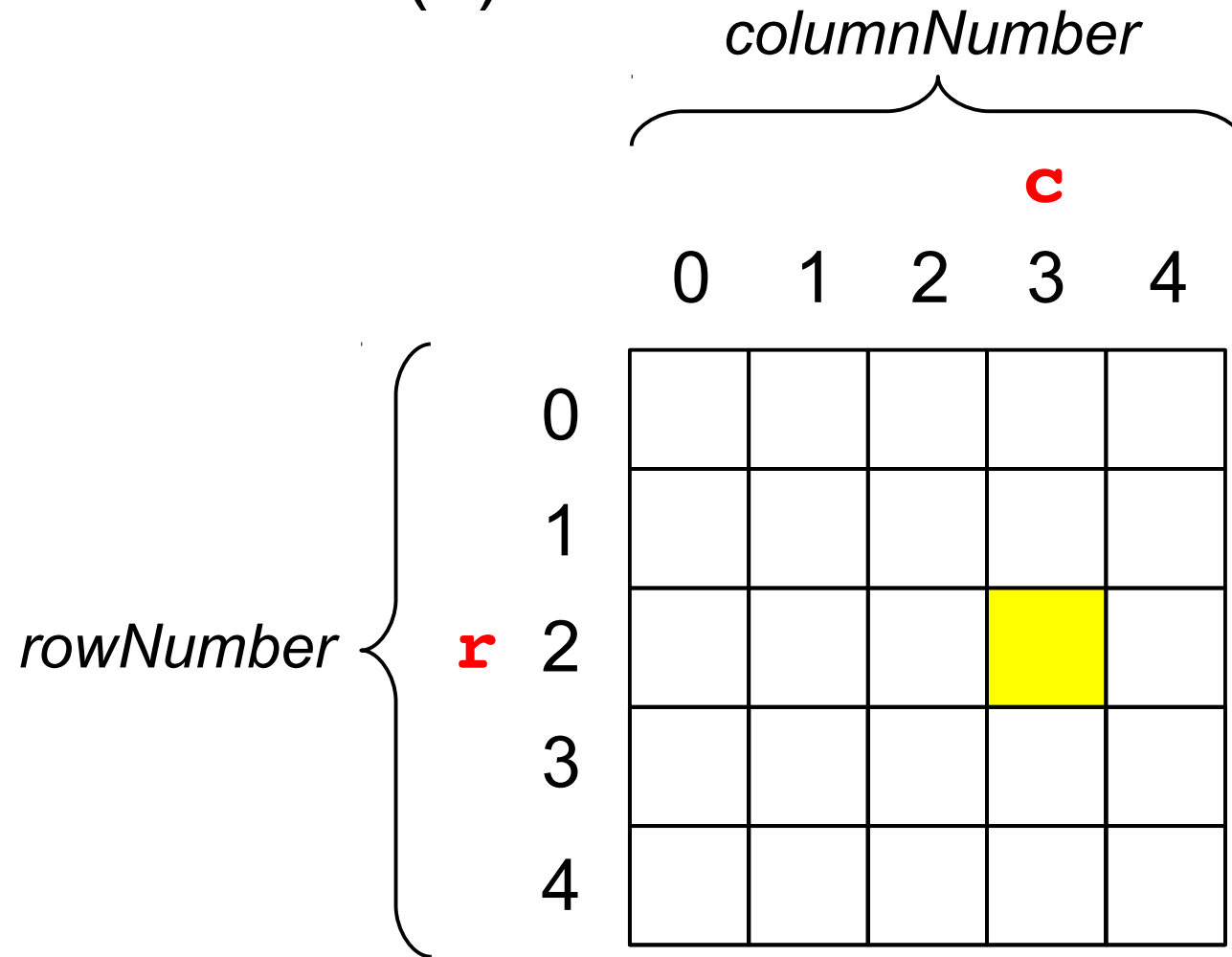
r = r + 1

checkColumn(3)



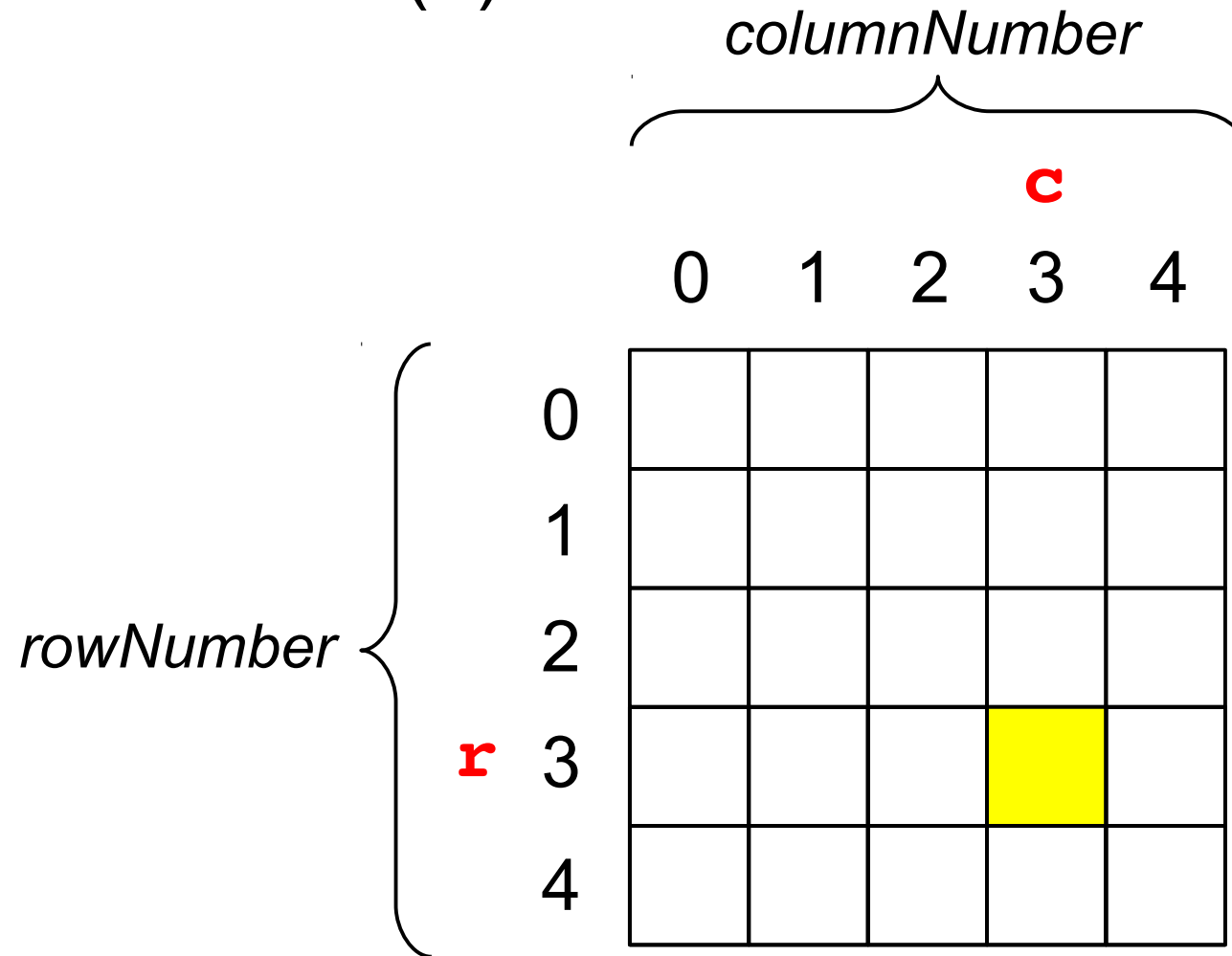
r = r + 1

checkColumn(3)



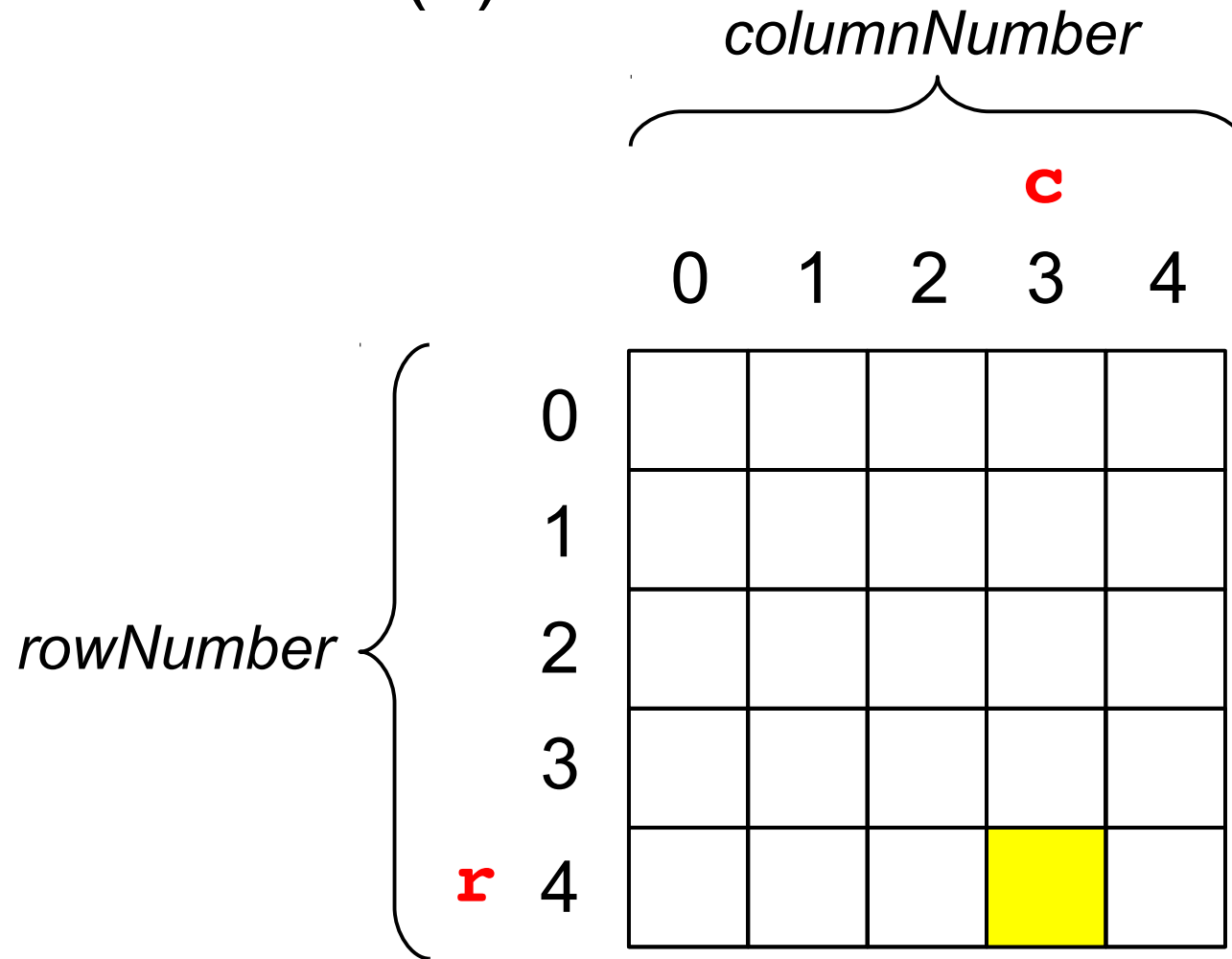
r = r + 1

checkColumn(3)



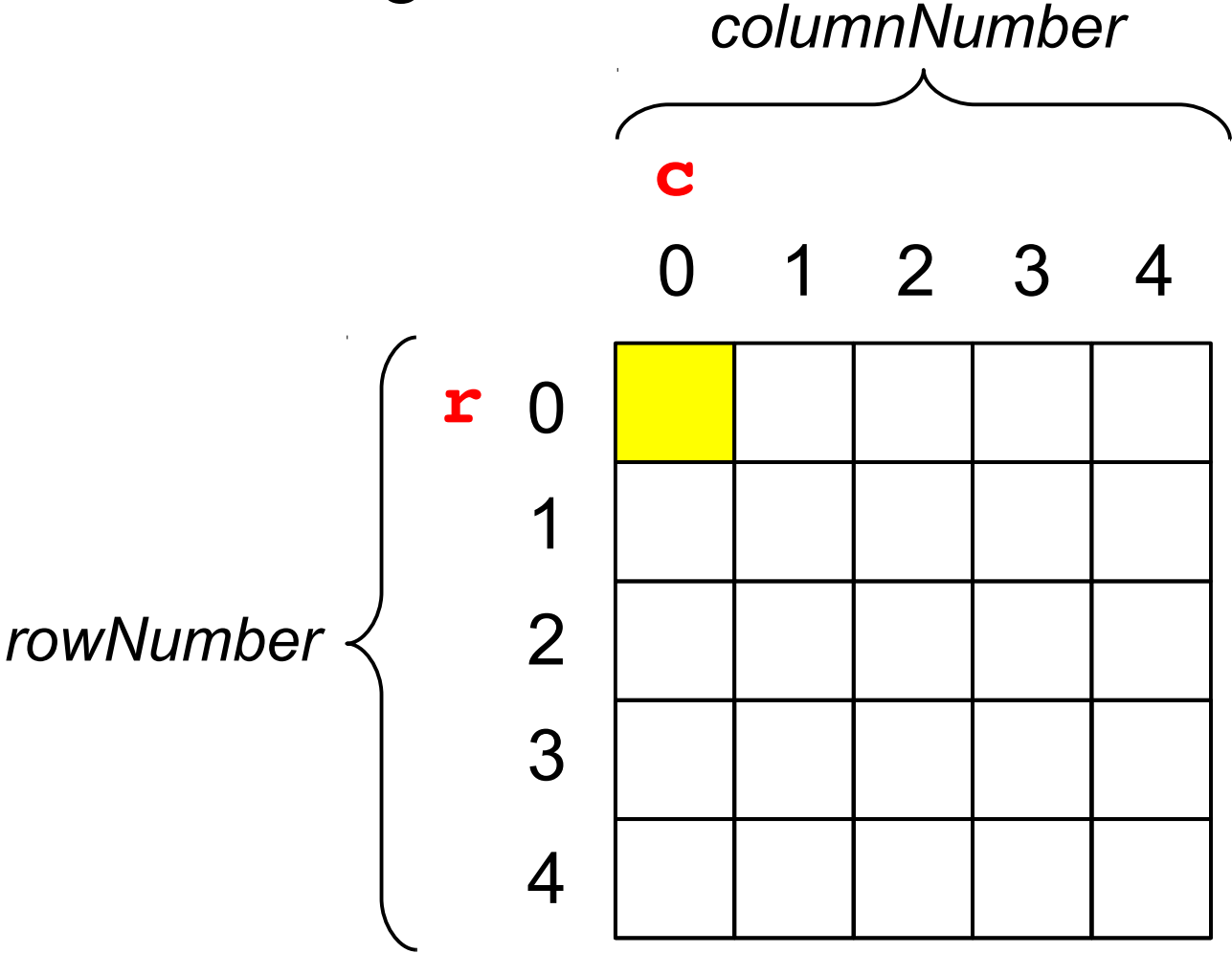
r = r + 1

checkColumn(3)



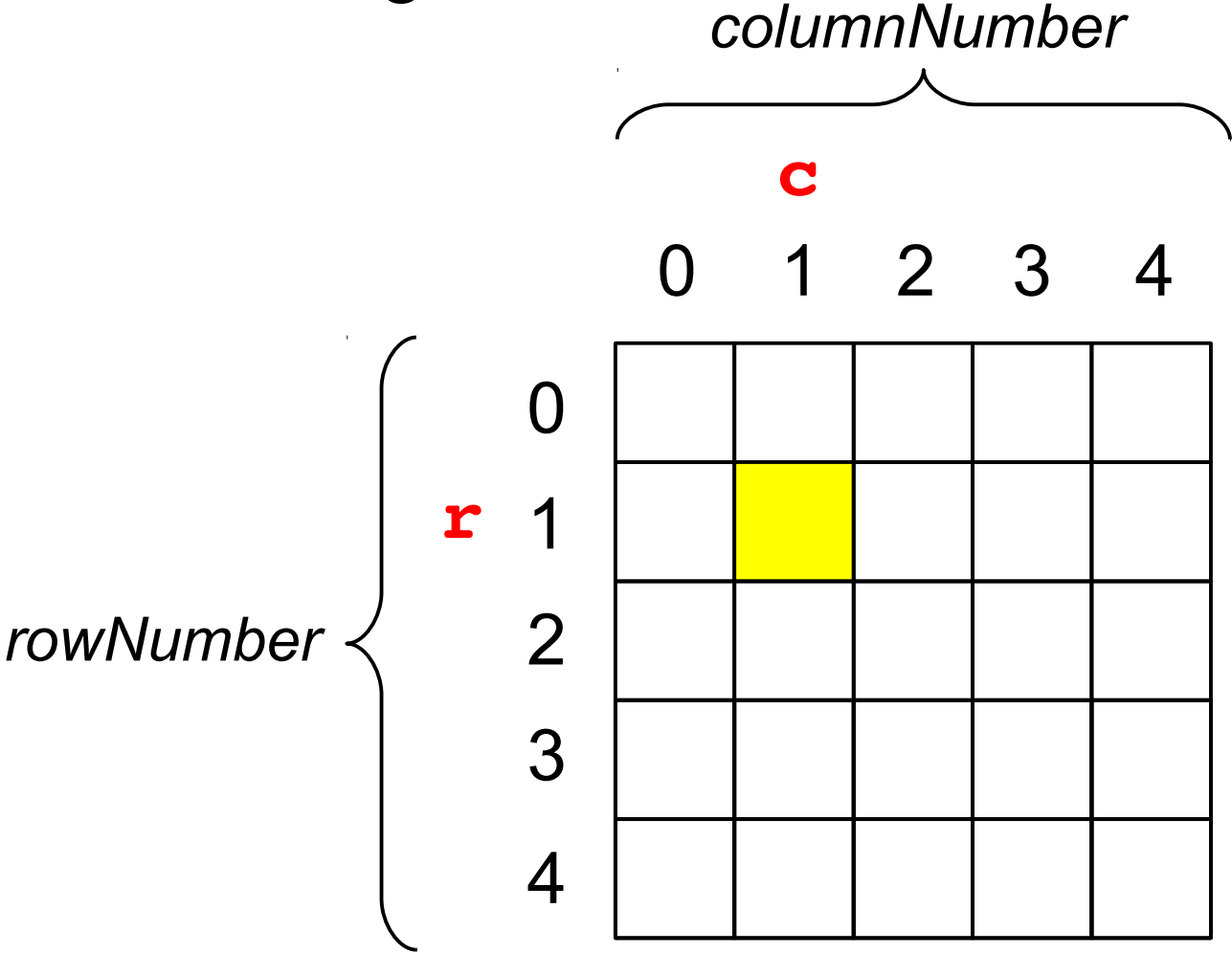
r = r + 1

checkDownDiagonal



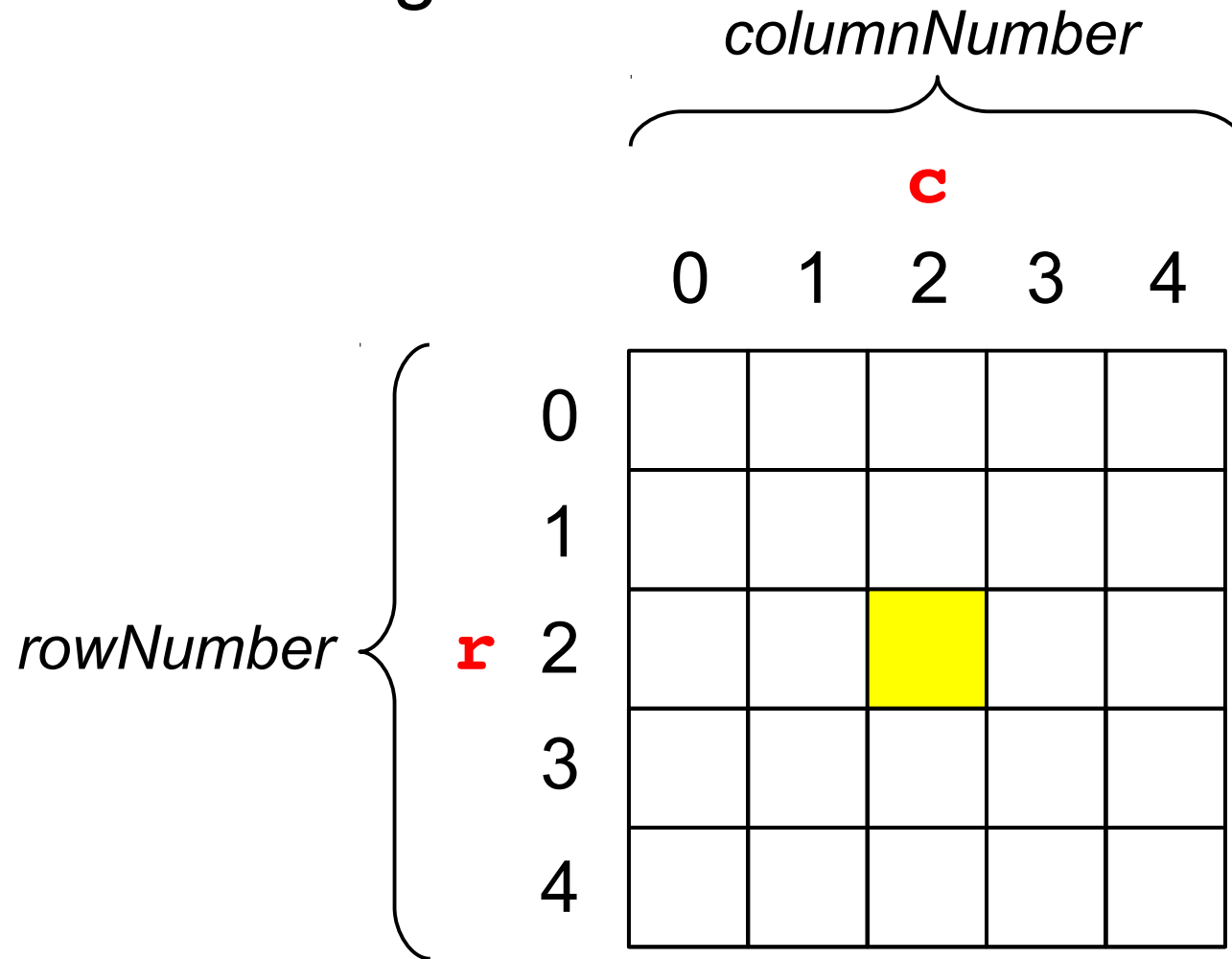
```
r = r + 1  
c = c + 1
```

checkDownDiagonal



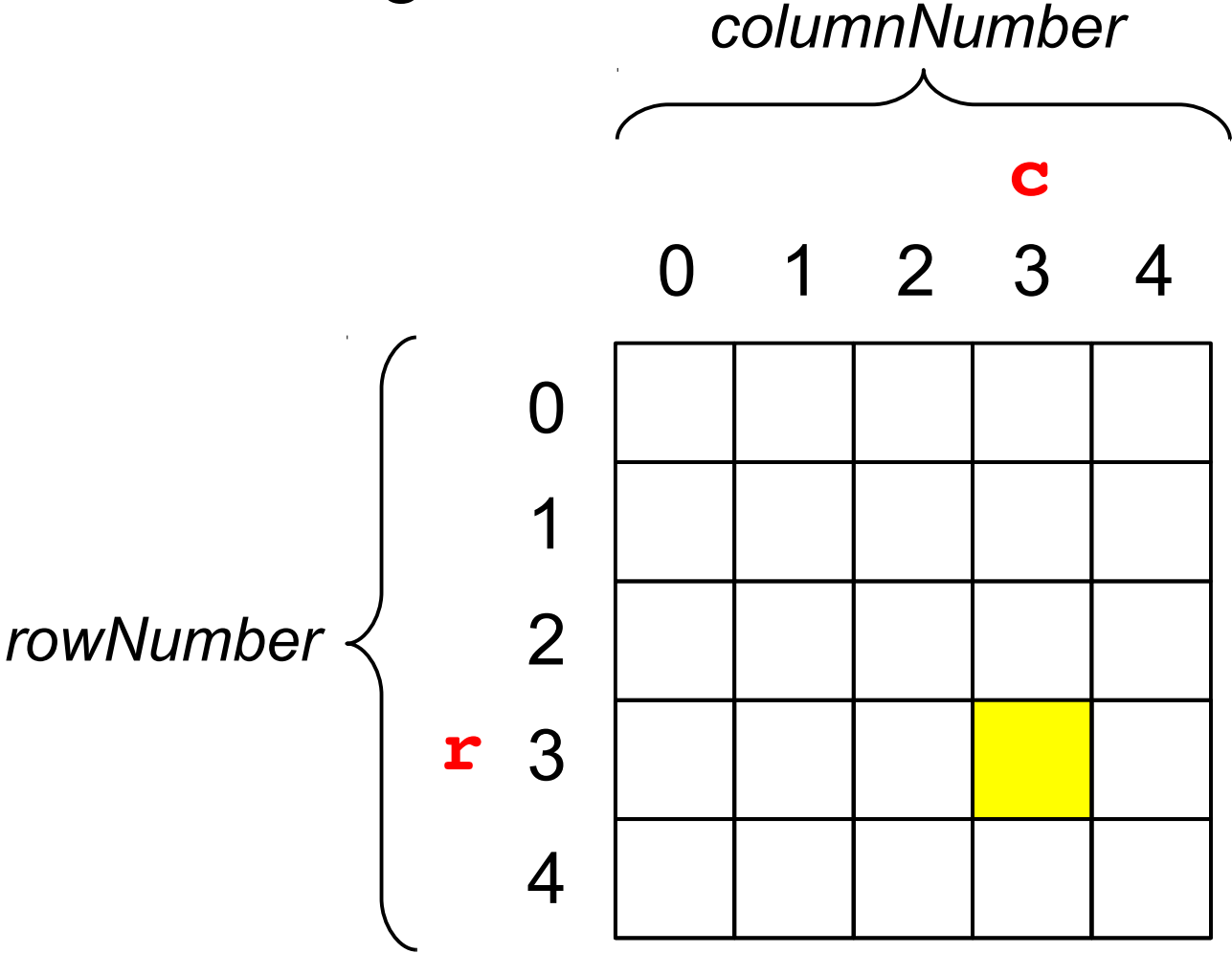
$$\begin{aligned} r &= r + 1 \\ c &= c + 1 \end{aligned}$$

checkDownDiagonal



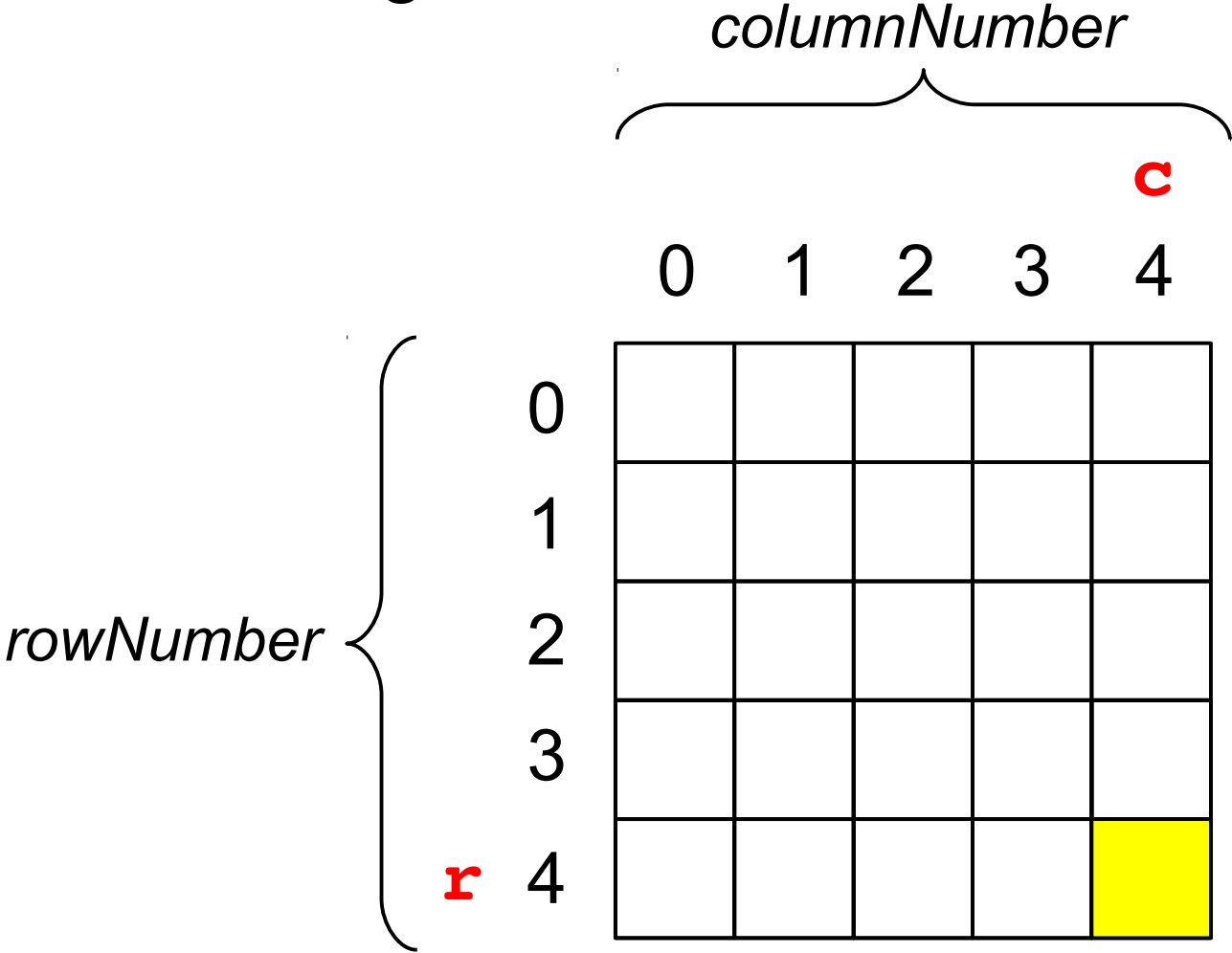
$$\begin{aligned} r &= r + 1 \\ c &= c + 1 \end{aligned}$$

checkDownDiagonal



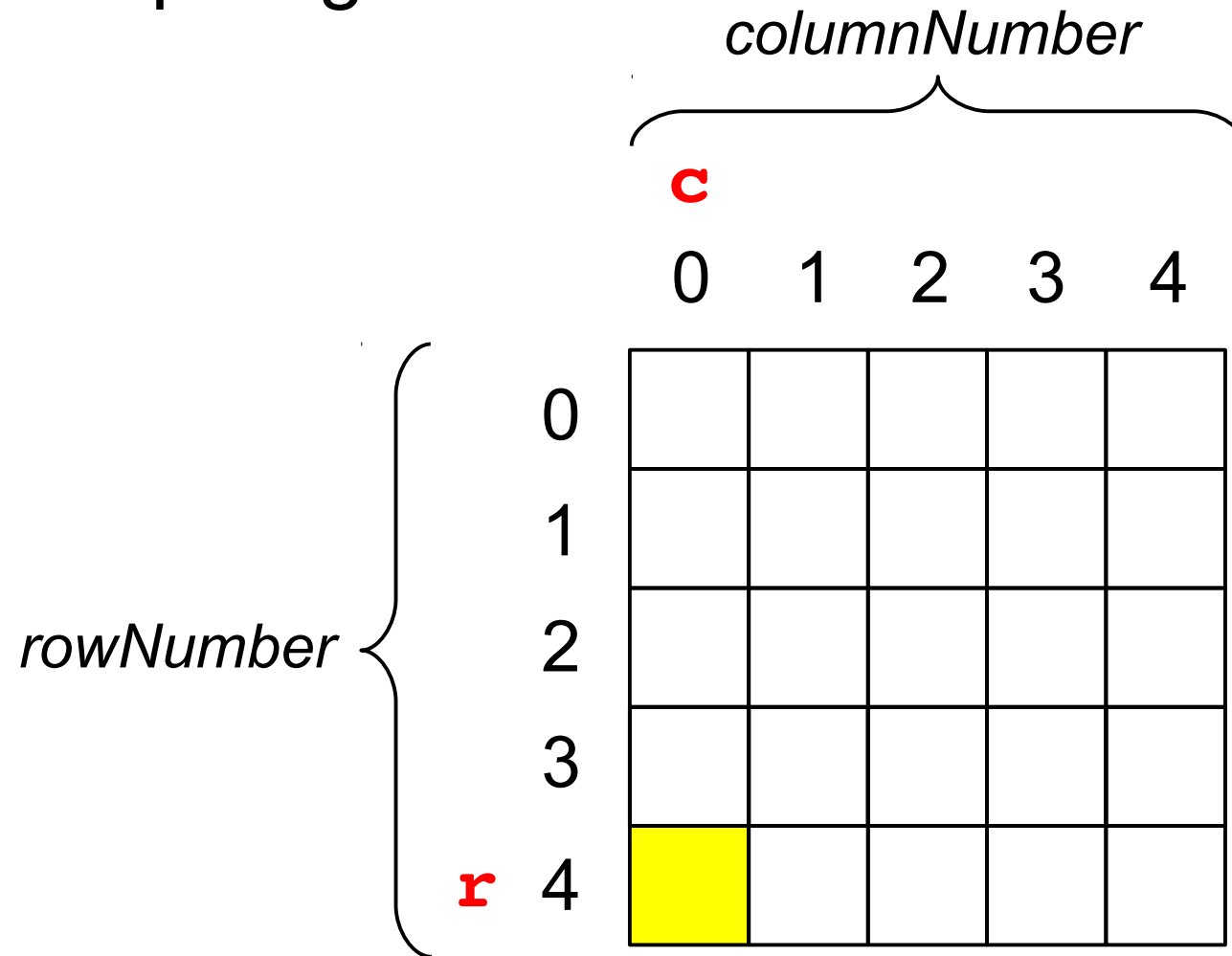
$$\begin{aligned} r &= r + 1 \\ c &= c + 1 \end{aligned}$$

checkDownDiagonal



$$\mathbf{r = r + 1}$$
$$\mathbf{c = c + 1}$$

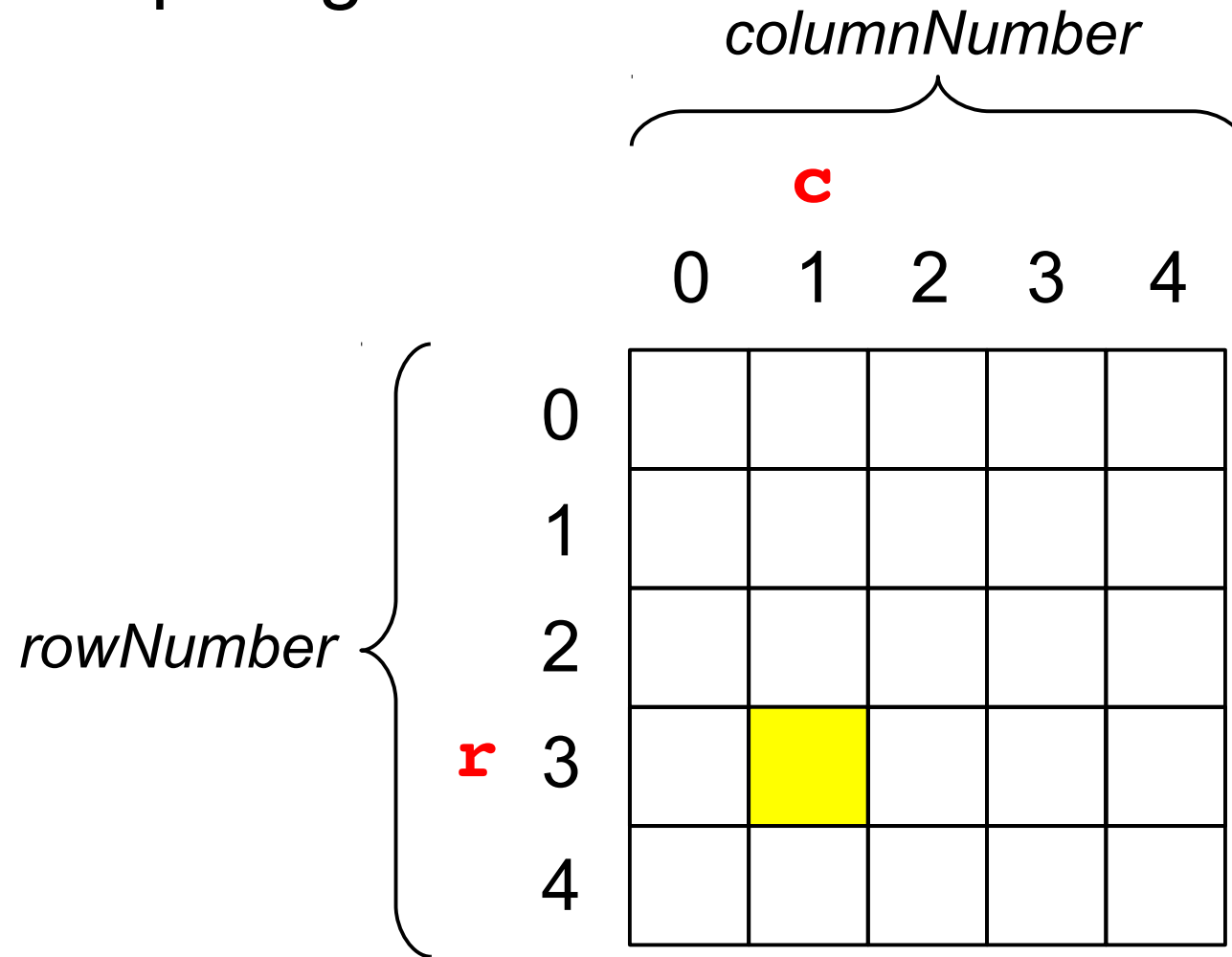
checkUpDiagonal



$$r = r - 1$$

$$c = c + 1$$

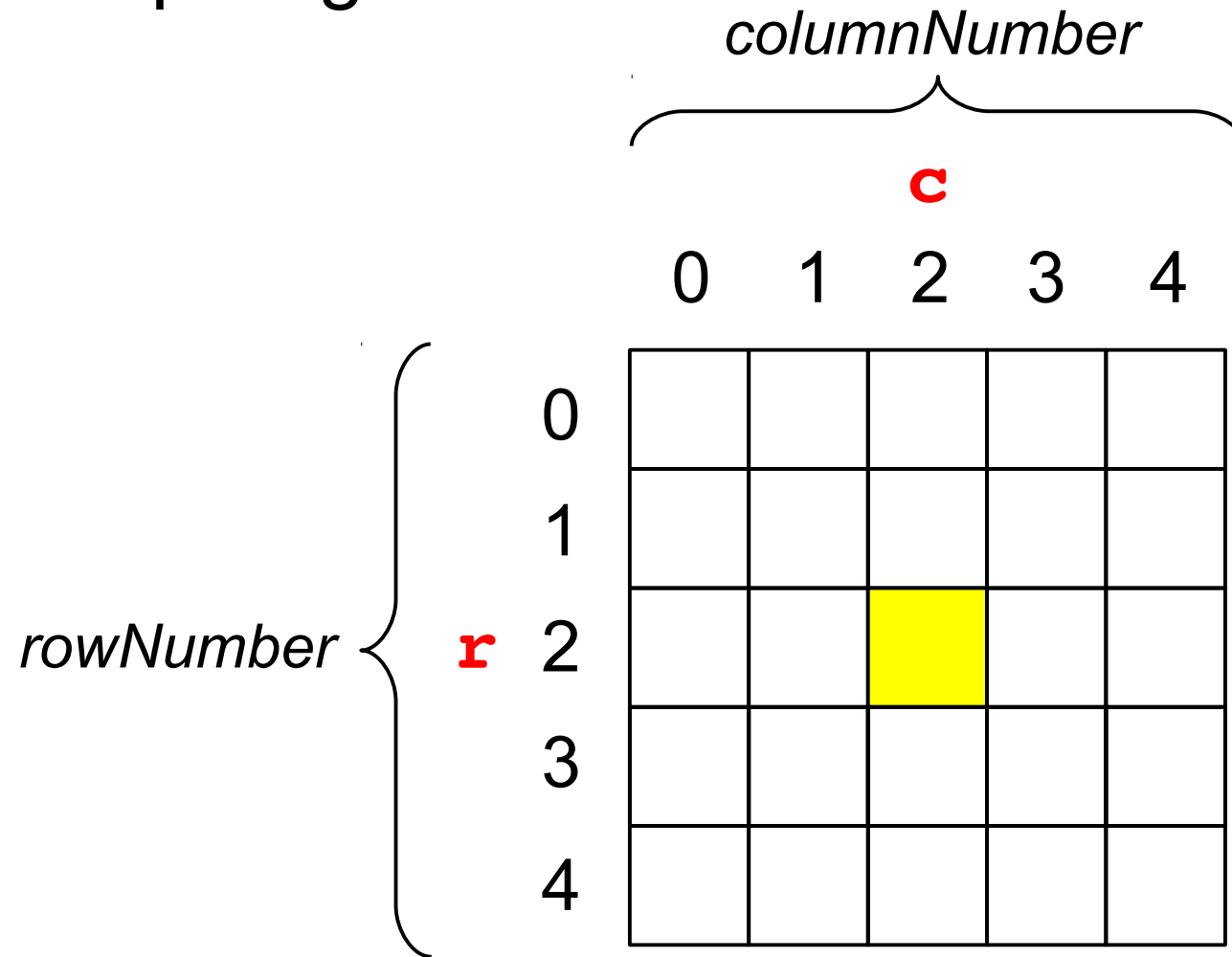
checkUpDiagonal



$$r = r - 1$$

$$c = c + 1$$

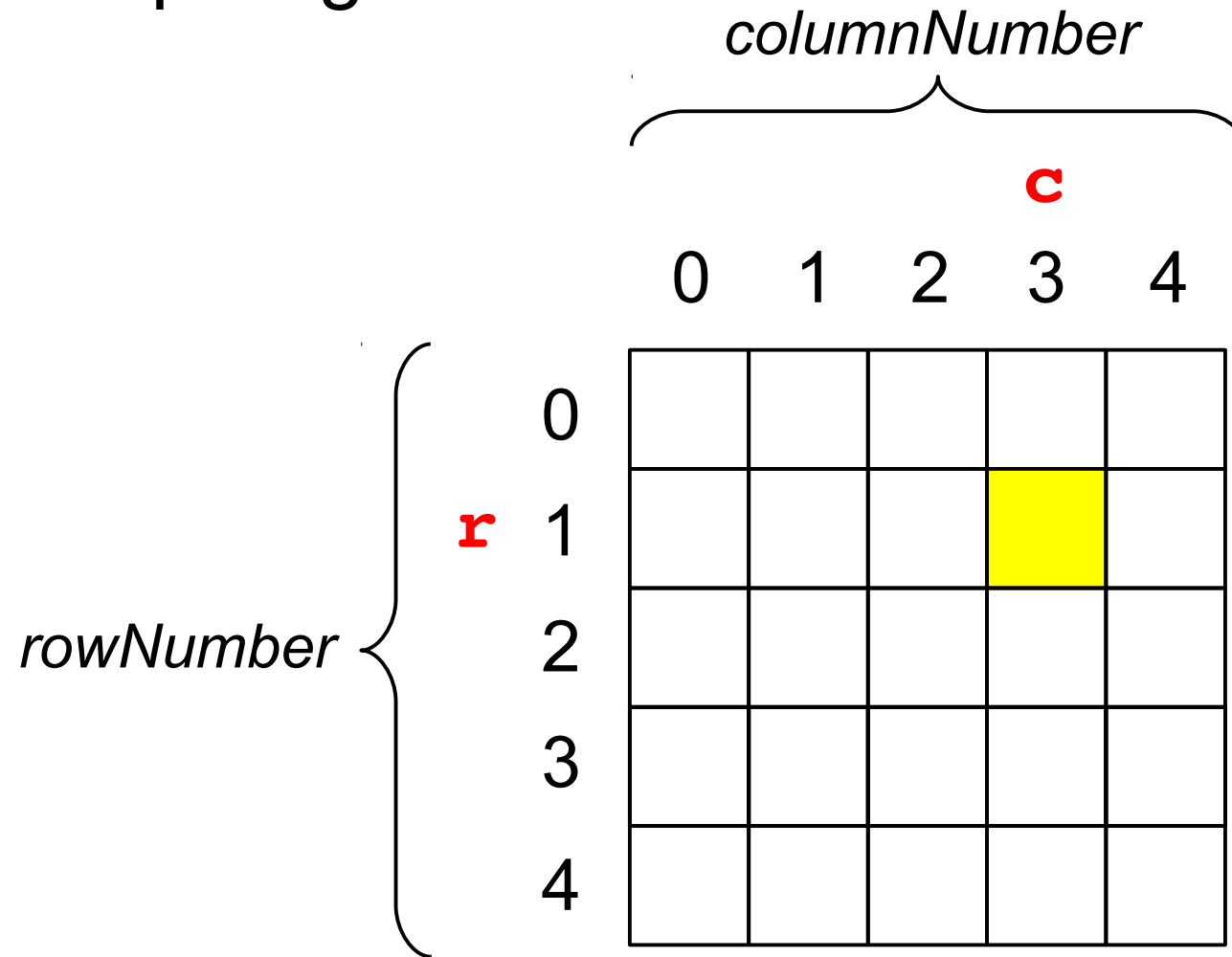
checkUpDiagonal



$$r = r - 1$$

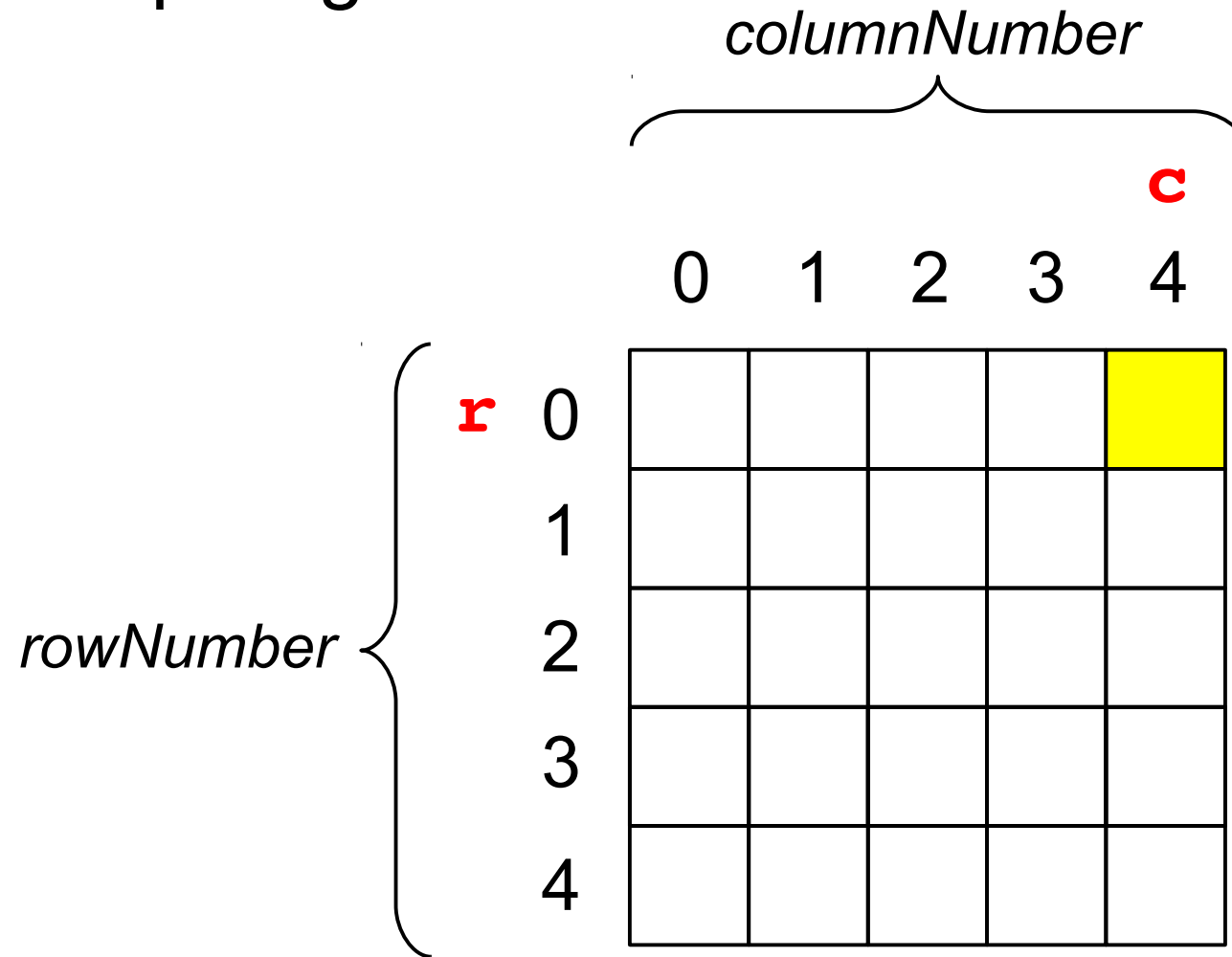
$$c = c + 1$$

checkUpDiagonal



$$\begin{aligned} r &= r - 1 \\ c &= c + 1 \end{aligned}$$

checkUpDiagonal



$$r = r - 1$$

$$c = c + 1$$