

# Exercise: Accessing 2-Dimensional Arrays

Let's slice a 2-dimensional array in this exercise.

## WE'LL COVER THE FOLLOWING ^

- Task
- Problem statement

## Task #

In this exercise, we will use different techniques to extract useful information from a 2-dimensional array.

## Problem statement #

For the array `arr` given in the code below, write code to print:

- the first row of `arr`
- the first column of `arr`
- the third row of `arr`
- the last two columns of `arr`
- the 2 by 2 block of values in the upper right-hand corner of `arr`
- the 2 by 2 block of values at the center of `arr`

```
import numpy as np

arr = np.array([[4, 2, 3, 2], [2, 4, 3, 1], [2, 4, 1, 3], [4, 1, 2, 3]])
print(arr)

## write your code here
```



We will discuss the solution to this exercise in the next lesson.