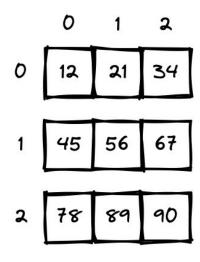
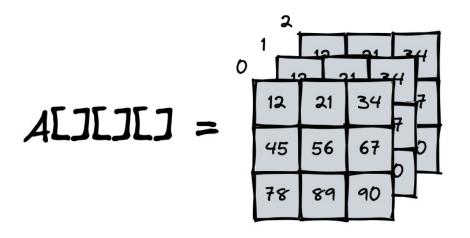
Skill academy

Multidimensional Arrays

By Pranjal Nadhani

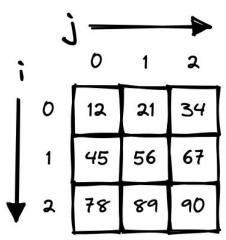




```
const A = [
[12, 21, 34],
[45, 56, 67],
[78, 89, 90]
]

1 45 56 67
2 78 89 90
```

```
function readMatrix(A) {
  for (let i = 0; i < A.length; i++) {
    for (let j = 0; j < A[i].length; j++) {
      console.log(A[i][j]);
    }
  }
}</pre>
```



2D Arrays - Operations

```
function addMatrices(A, B) {
if (A.length === B.length && A[0].length === B[0].length) {
  const C = [];
  for (let i = 0; i < A.length; i++) {</pre>
    C[i] = [];
    for (let j = 0; j < A[i].length; j++) {
      C[i][j] = A[i][j] + B[i][j];
  return C;
throw new Error ("Matrices cannot be added");
                            12 23 34 13 25 37
                           45 56 67
                                               49 61 73
            5
                 6
                           78 89 90
                                               85 97 99
            8
               9
                                 \mathbf{B}
```