

```
//initial copy pasted array
```

```
const arr = [  
  [0, 6, 1, 6, 5, 1, 0, 8, 2, 7],  
  [4, 6, 3, 7, 9, 1, 0, 2, 3, 6],  
  [0, 1, 4, 2, 7, 4, 5, 8, 5, 5],  
  [7, 3, 4, 1, 7, 4, 8, 3, 9, 1],  
  [1, 0, 2, 3, 9, 0, 6, 5, 7, 3],  
  [3, 3, 5, 2, 7, 6, 8, 9, 7, 6],  
  [5, 6, 6, 7, 3, 3, 4, 9, 1, 9],  
  [6, 3, 5, 4, 7, 0, 8, 9, 1, 2],  
  [2, 3, 2, 3, 5, 7, 6, 8, 9, 8],  
  [9, 8, 6, 7, 5, 4, 2, 3, 1, 0]  
];
```

```
// Generates a random number between 0 and 9 for the row. It starts at 0 since array indexes start at 0.
```

```
const row = Math.floor(Math.random() * 10);
```

```
// Generates a random number between 0 and 9 for the column. It starts at 0 since array indexes start at 0.
```

```
const column = Math.floor(Math.random() * 10);
```

```
// variable to store the sum of the randomly chosen row
```

```
let rowSum = 0;
```

```
// this for loop goes from 0 to 9 to iterate through the indexes of the array.
```

```
for (let i1 = 0; i1 < 10; i1++) {
```

```
  // To assign rowSum the sum of the chosen row, the row stays the same each time the for loop runs,  
  hence
```

```
  // the arr[row], while all of its columns are iterated through, hence the [i1] in arr[row][i1].
```

```
  rowSum += arr[row][i1]; // equivalent of rowSum = rowSum + arr[row][i1];
```

```
}
```

```
// variable to store the sum of the randomly chosen column
```

```
let colSum = 0;
```

```
// this for loop goes from 0 to 9 to iterate through the indexes of the array.
```

```
for (let i2 = 0; i2 < 10; i2++) {
```

```
  // To assign colSum the sum of the chosen column, the column stays the same each time the for loop
```

runs,

```
// hence the [column] in arr[i2][column], while all of its rows are iterated through, hence the [i2] in  
// arr[i2][column].
```

```
colSum += arr[i2][column]; // equivalent of colSum = colSum + arr[i2][column];
```

```
}
```

```
console.log(row); // logs the randomly generated value of row to the console
```

```
console.log(column); // logs the randomly generated value of column to the console
```

```
console.log(rowSum); // logs the sum of all of the numbers from the row to the console
```

```
console.log(colSum); // logs the sum of all of the numbers from the column to the console
```