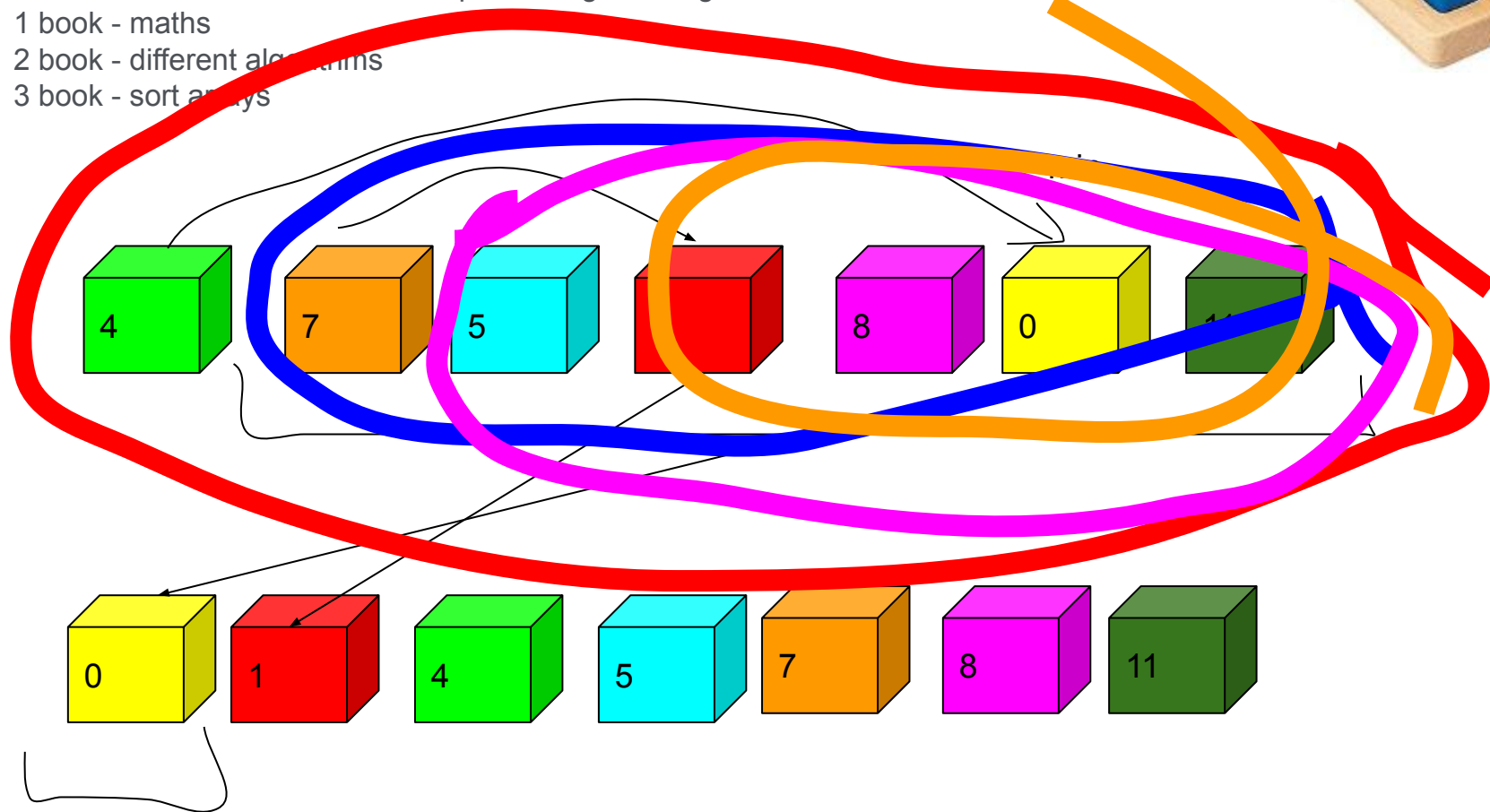


# Sort an array in ascending order by minimum elements

Bill Gates

Donald Knut - The Art of Computer Programming 3 books

- 1 book - maths
- 2 book - different algorithms
- 3 book - sort arrays



```
void sortIncrease(int arr[], int length) {  
    int temp;  
    int miniIndex;  
    // needs a fix, needs to keep starting array further up by 1 index position  
    // this version keeps starting at index = 0  
    for (int j = 0; j < length; j++) {  
        miniIndex = j;  
        for (int i = j; i < length; i++) { // find minimum & index of position  
            if (arr[i] < arr[miniIndex]) { // compare current number with current index of minimum number  
                miniIndex = i;  
            }  
        }  
        temp = arr[miniIndex];  
        arr[miniIndex] = arr[j];  
        arr[j] = temp;  
    }  
}
```