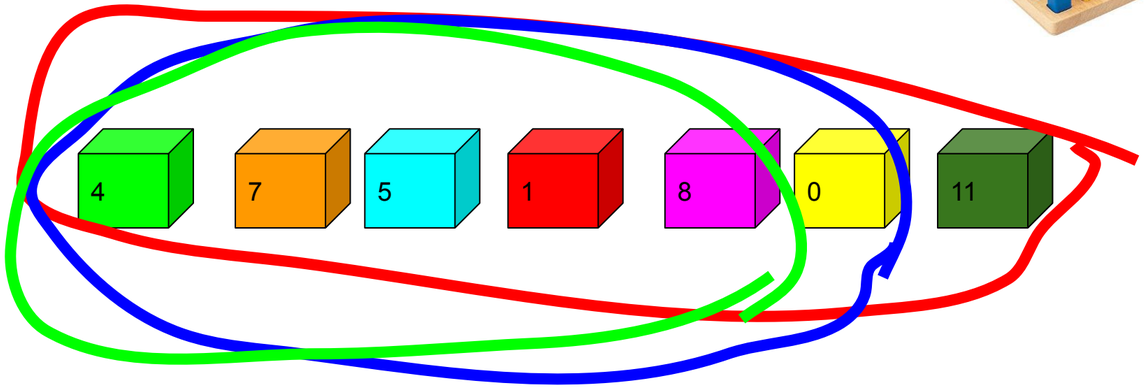
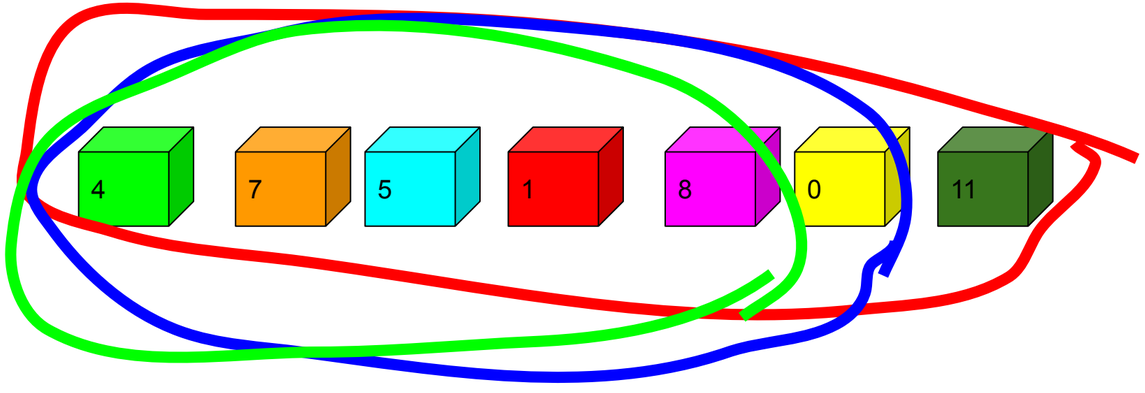
Sort an array in ascending order by maximum elements



Sort an array in descending order by minimum elements




```
void sortIncrease(int arr[], int length) {
  int temp;
  int maxIndex;
  // 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++) {
     maxIndex = 0;
     for (int i = 0; i < length - j; i++) { // find minimum & index of position
        if (arr[i] > arr[maxIndex]) {   // compare current number with current index of minimum number
           maxIndex = i;
        }
     }
     std::cout << "Max current is: " << arr[maxIndex] << std::endl;
     temp = arr[length - 1 - j];
     arr[length - 1 - j] = arr[maxIndex];
     arr[maxIndex] = temp;
  }
}
```

```
void sortIncrease(int arr[], int length) {
  int temp;
  int maxIndex;
  // 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++) {
     maxIndex = 0;
     for (int i = 0; i < length - j; i++) { // find minimum & index of position
        if (arr[i] < arr[maxIndex]) {   // compare current number with current index of minimum number
           maxIndex = i;
        }
     }
     std::cout << "Max current is: " << arr[maxIndex] << std::endl;
     temp = arr[length - 1 - j];
     arr[length - 1 - j] = arr[maxIndex];
     arr[maxIndex] = temp;
  }
}
```