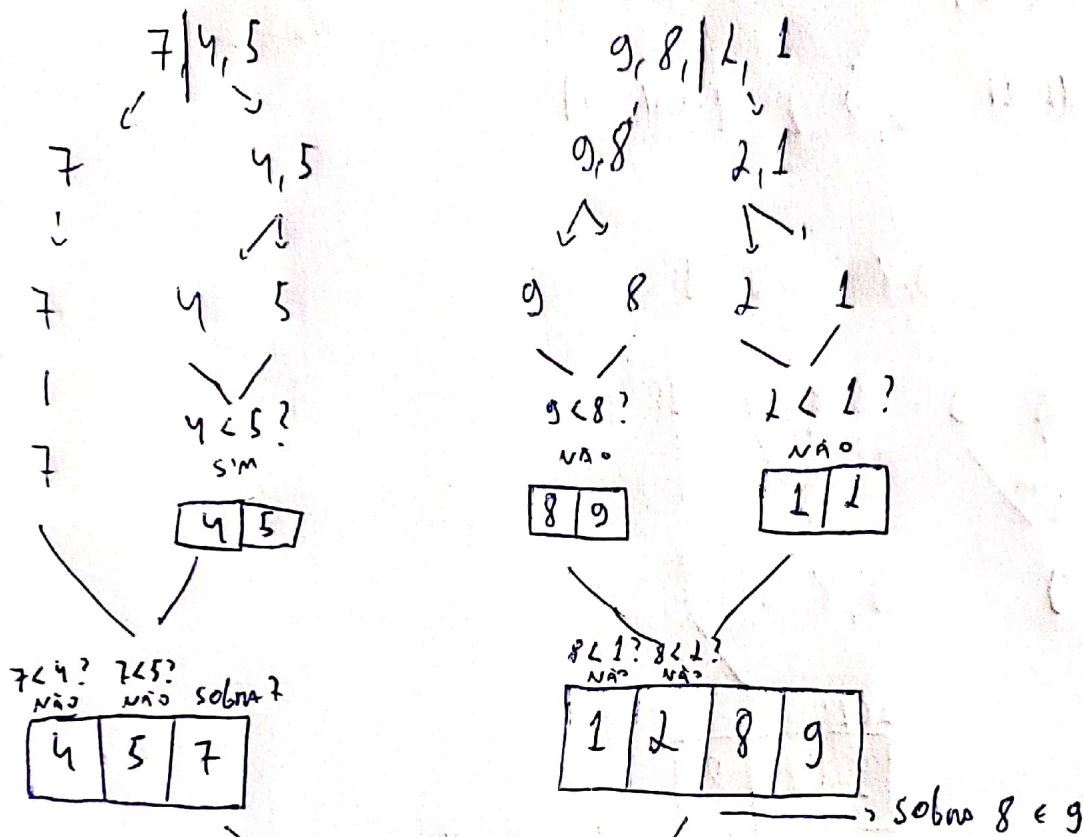


MERGE SORT ~~CRESCENTE~~ CRESCENTE

LUÍS HENRIQUE
CANVALHO DA CRUZ

7, 4, 5, | 9, 8, 2, 1

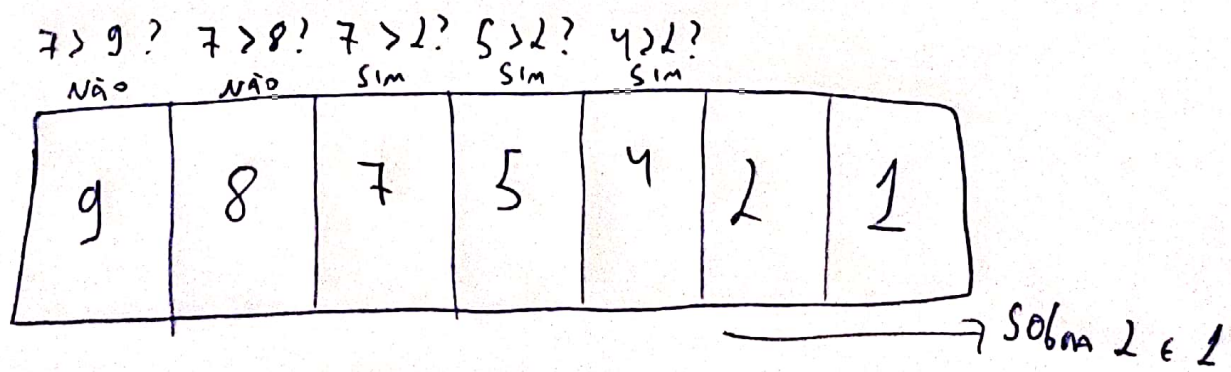
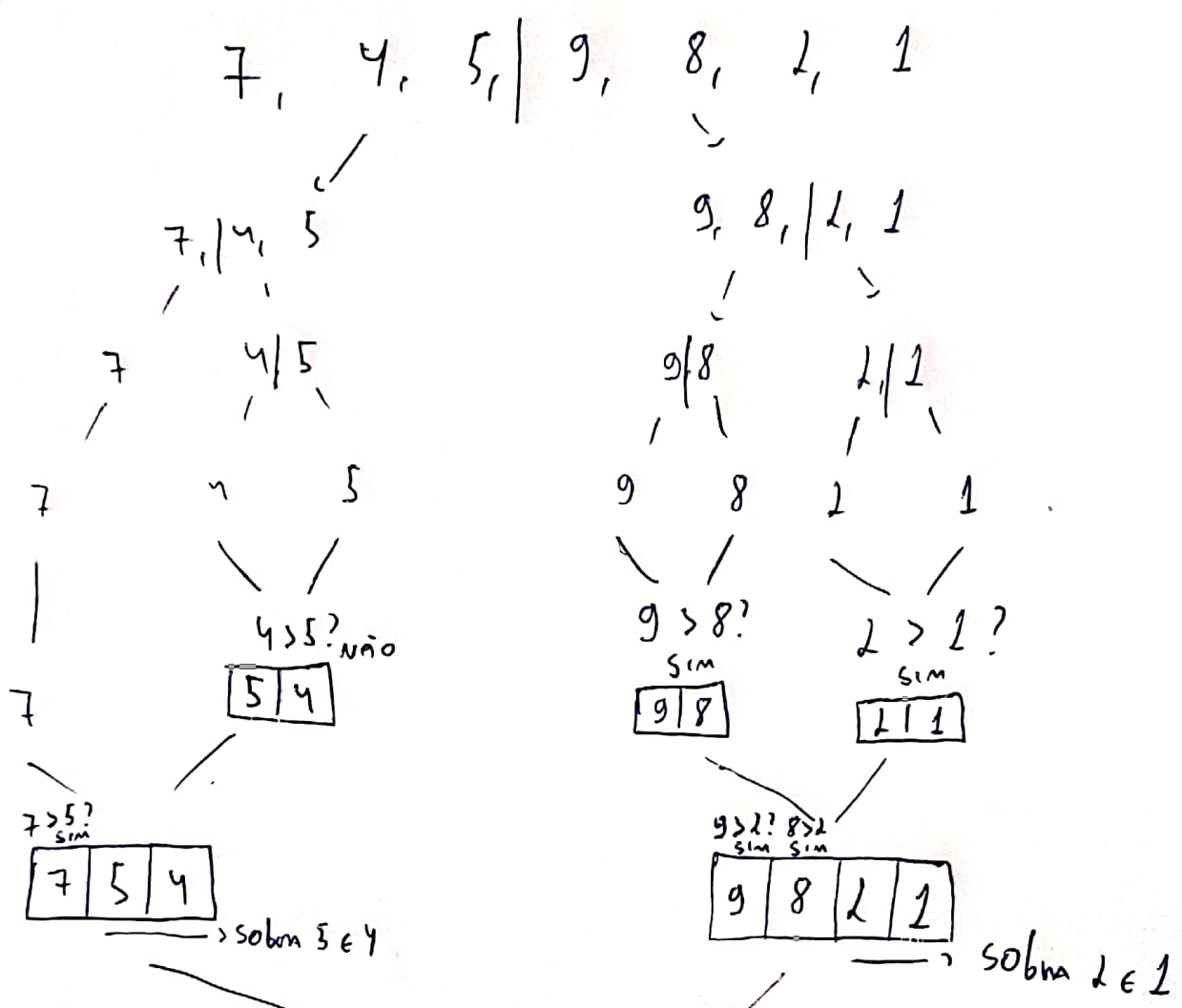


4 < 1? NÃO 4 < 2? NÃO 4 < 8? SIM 5 < 8? SIM 7 < 8? SIM

1	2	4	5	7	8	9
---	---	---	---	---	---	---

→ sobra 8 e 9

Merge Sort DECRESCENTE





```
int main ( )  
{  
    int array[] = {7, 4, 5, 9, 8, 1, 1};  
    int size = sizeof(array) / sizeof(array[0]);  
  
    for (int i = 0; i < size; i++) {  
        int idx_of_smallest = i;  
        for (int j = i + 1; j < size; j++) {  
            if (array[j] < array[idx_of_smallest]) {  
                idx_of_smallest = j;  
            }  
        }  
        int temp = array[i];  
        array[i] = array[idx_of_smallest];  
        array[idx_of_smallest] = temp;  
    }  
  
    return 0;  
}
```