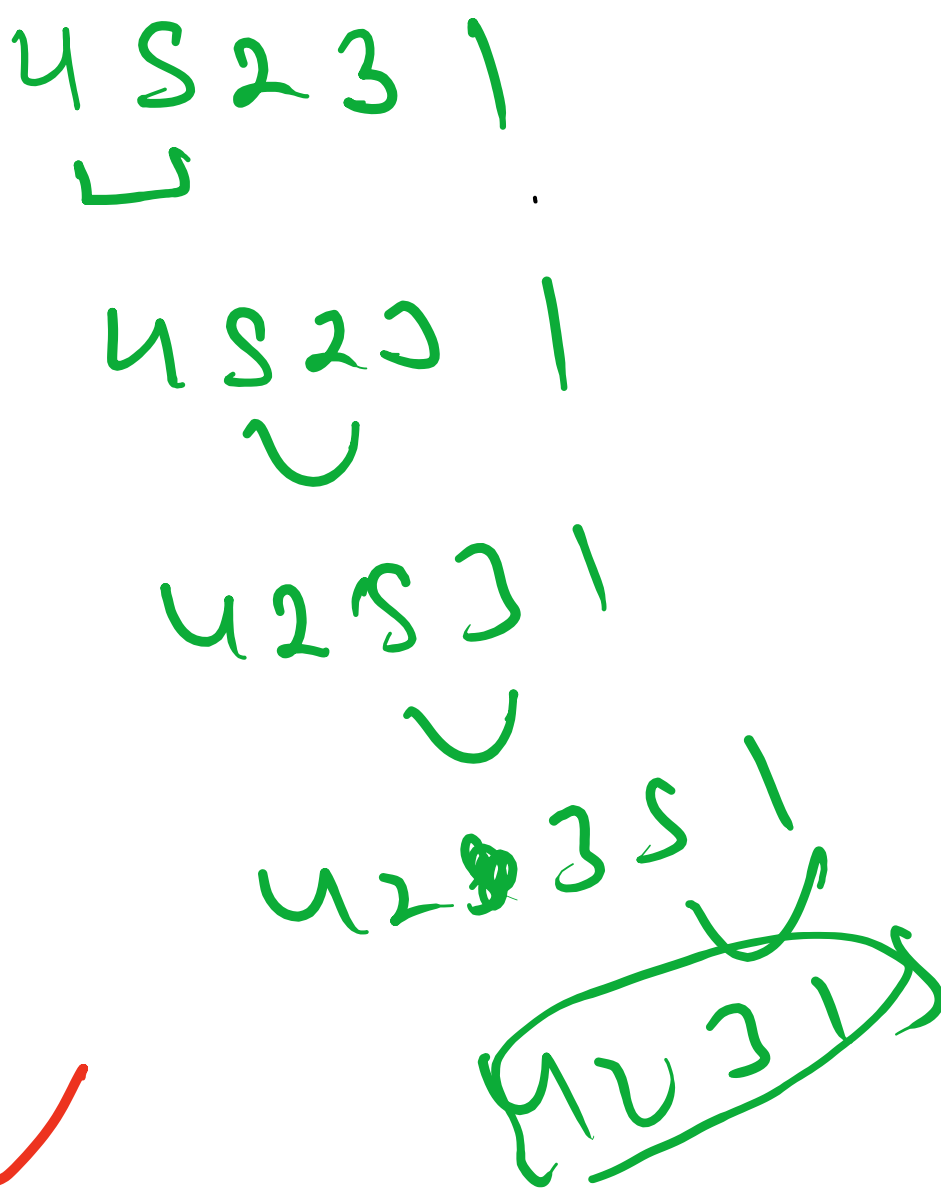


Cars[] arr = new Cars[5];

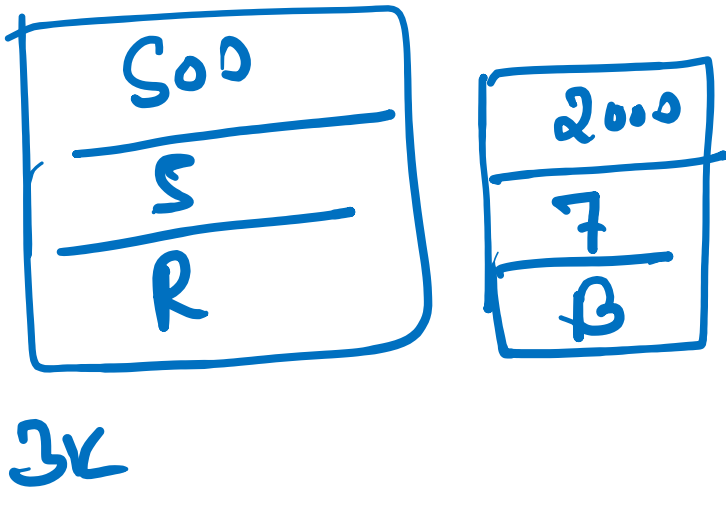
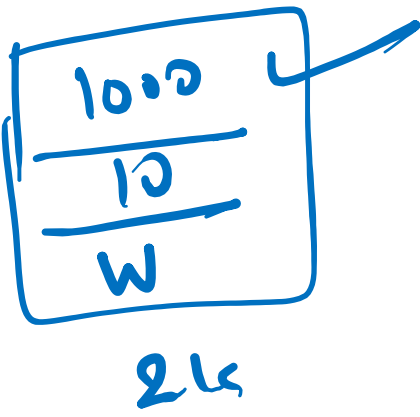
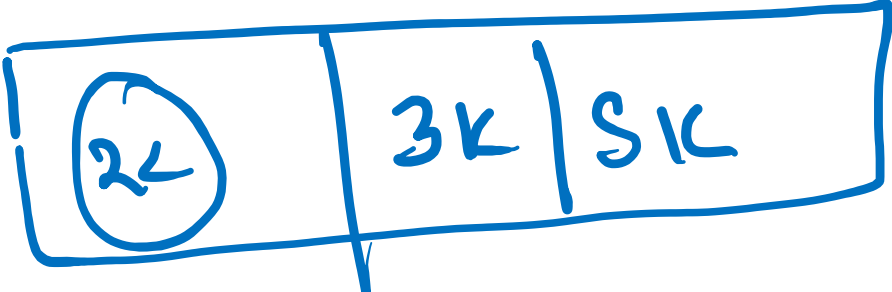


```
public static void Sort(int[] arr) {
    → for (int turn = 1; turn < arr.length; turn++) {
        for (int i = 0; i < arr.length - turn; i++) {
            if (arr[i] > arr[i + 1]) {
                int temp = arr[i];
                arr[i] = arr[i + 1];
                arr[i + 1] = temp;
            }
        }
    }
}
```



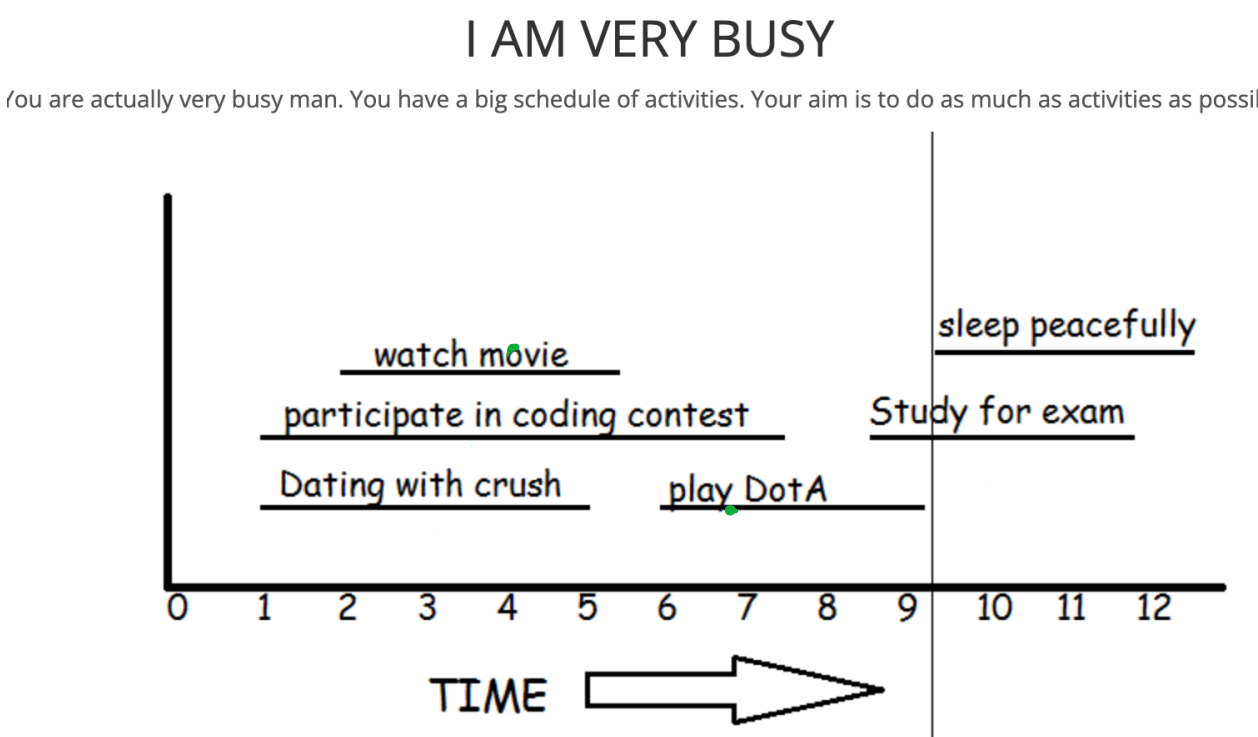
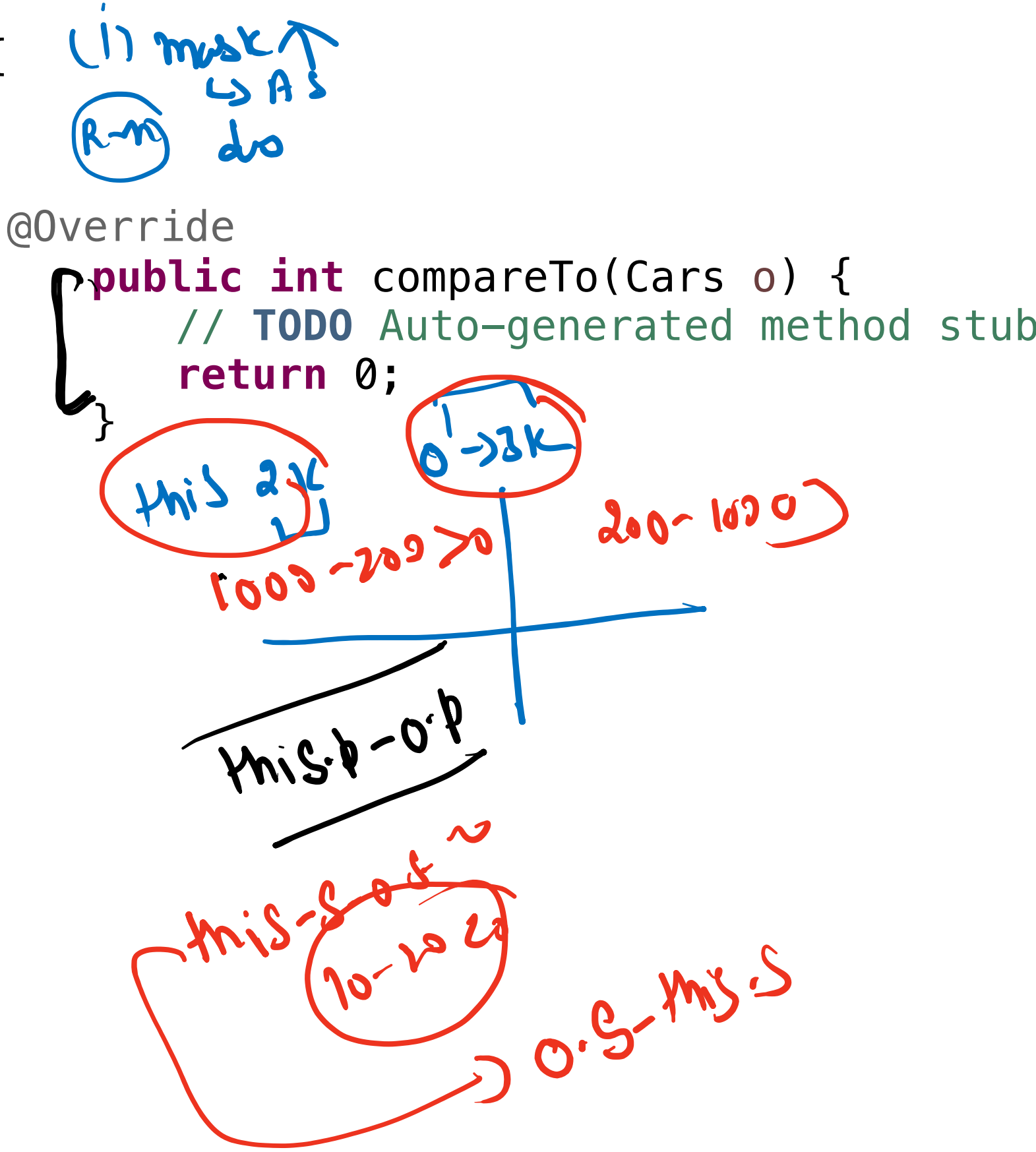
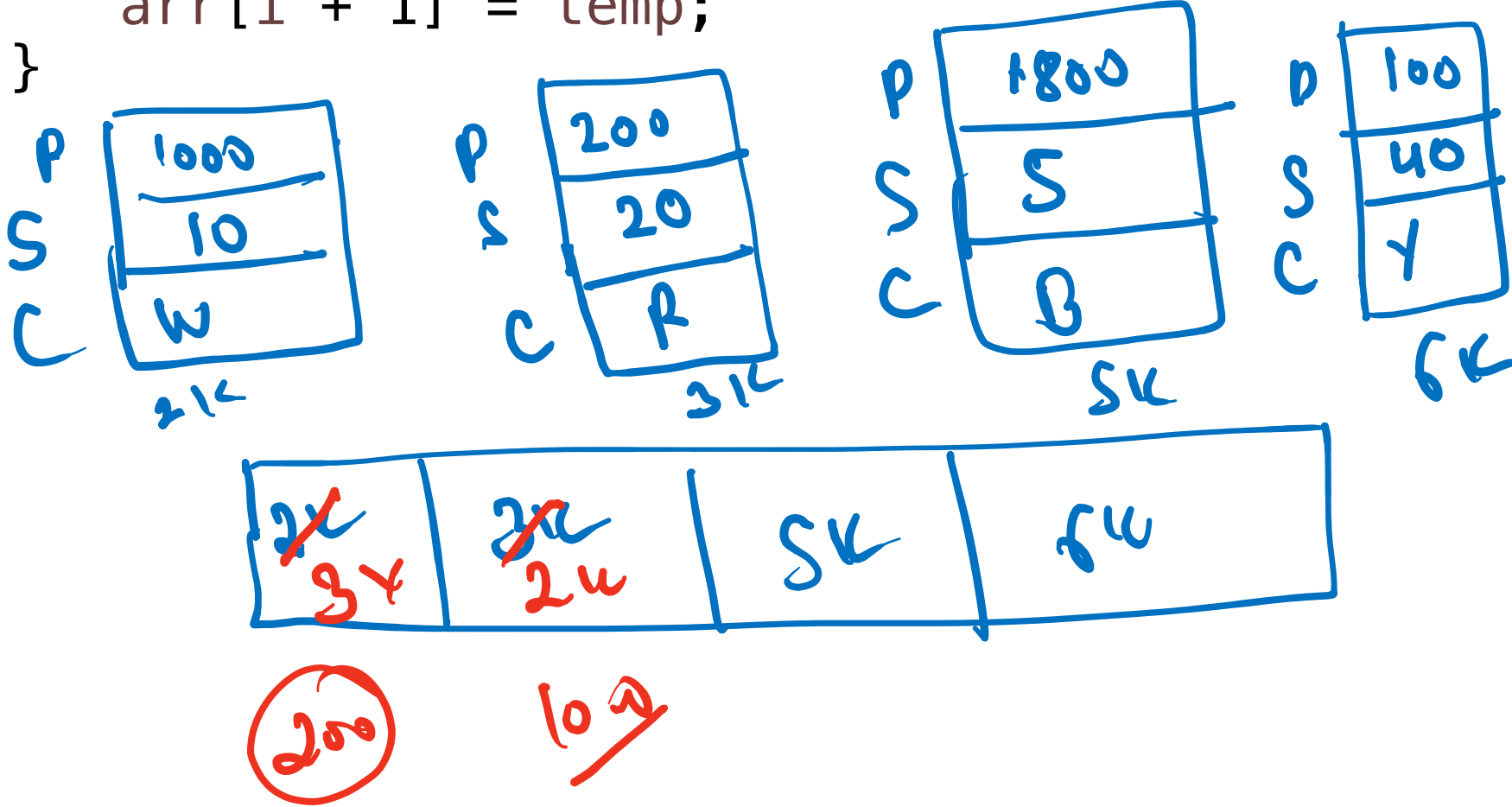
bubble ✓  
Student ✓  
Car ✓  
pen ✓

```
public static <T> void Sort(T[] arr) {
    for (int turn = 1; turn < arr.length; turn++) {
        for (int i = 0; i < arr.length - turn; i++) {
            if (arr[i] > arr[i + 1]) {
                T temp = arr[i];
                arr[i] = arr[i + 1];
                arr[i + 1] = temp;
            }
        }
    }
}
```



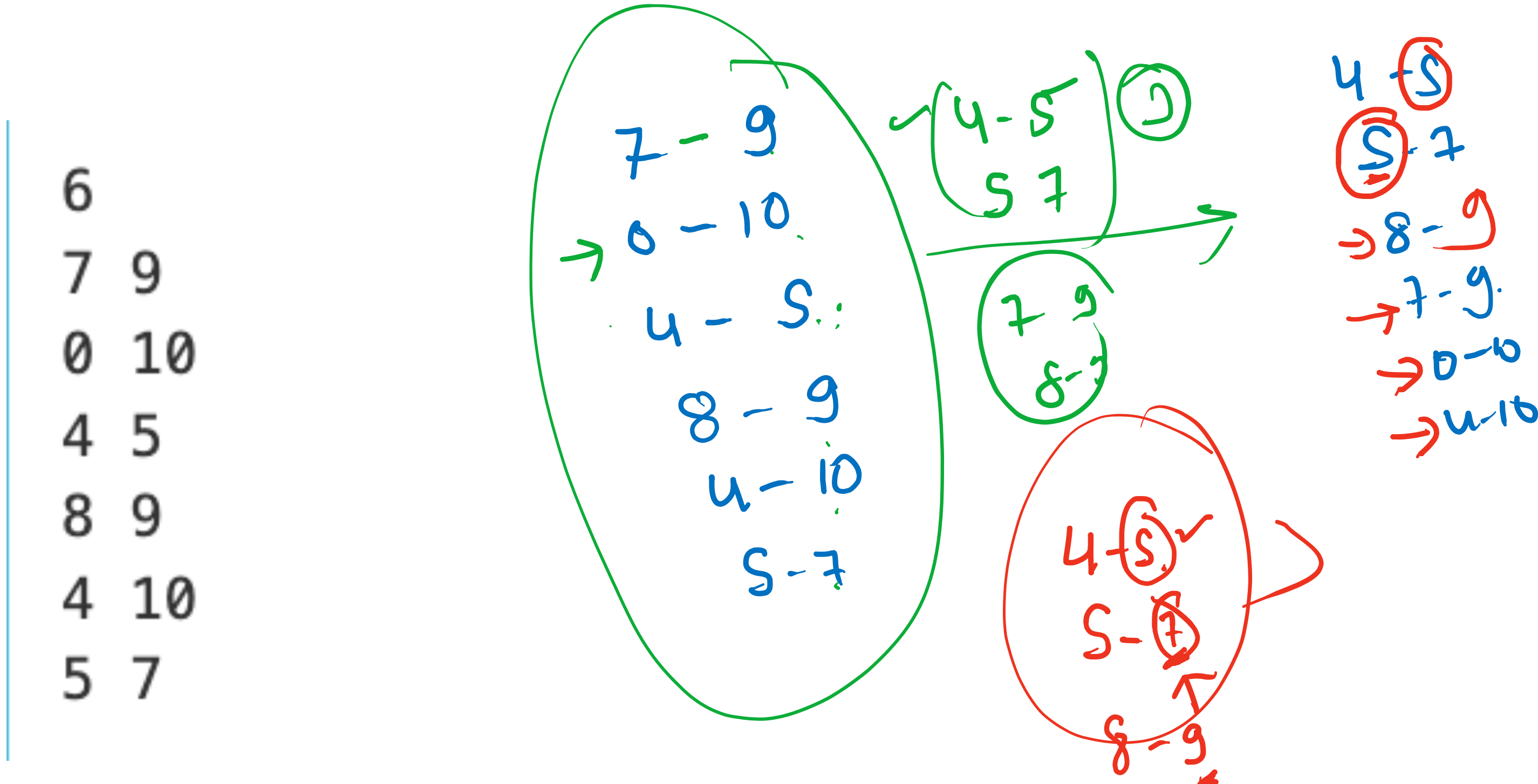
```
public static <T extends Comparable<T>> void Sort(T[] arr) {
    for (int turn = 1; turn < arr.length; turn++) {
        for (int i = 0; i < arr.length - turn; i++) {
            if (arr[i].compareTo(arr[i + 1]) > 0) {
                T temp = arr[i];
                arr[i] = arr[i + 1];
                arr[i + 1] = temp;
            }
        }
    }
}
```

↑✓



In the given figure, If you go to date with crush, you cannot participate in the coding contest and you can't watch the movie. Also if you play DotA, you can't study for the exam. If you study for the exam you can't sleep peacefully. The maximum number of activities that you can do for this schedule is 3.

- Either you can
- watch movie, play DotA and sleep peacefully (or)
  - date with crush, play DotA and sleep peacefully



end <= arr[i+1]