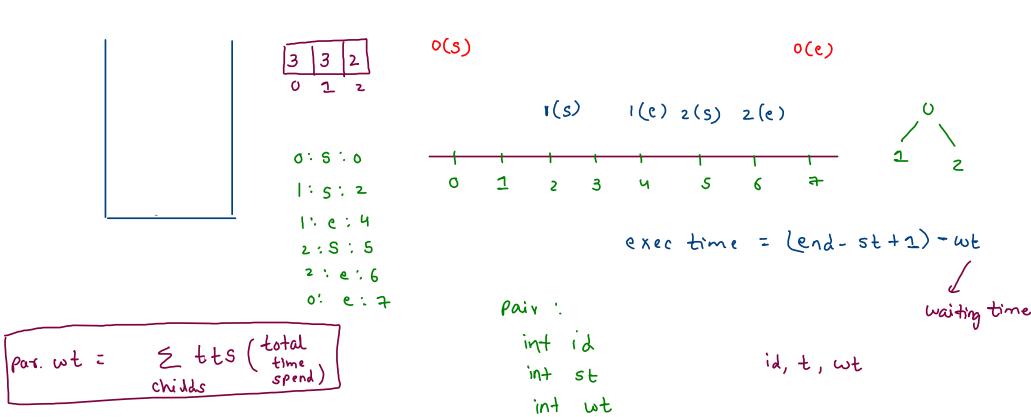
636. Exclusive Time of Functions

```
Input: n = 2, logs =
["0:start:0","1:start:2","1:end:5","0:end:6"]
Output: [3,4]

Cxecution time of each junction
```

```
n-> no. of functions id = 0 to n-1
```



```
for(String log : logs) {
   String[]arr = log.split(":");
   int id = Integer.parseInt(arr[0]);
                                                    (id, St, wt)
   String action = arr[1];
   int t = Integer.parseInt(arr[2]);
   if(action.equals("start") == true) {
       st.push(new Pair(id,t,0));
   else {
       int tts = t - st.peek().st + 1; //execution time + waiting time = total time spend
       int execTime = tts - st.peek().wt;
       ans[st.peek().id] += execTime;
                                                                 0
                                                                            2
       st.pop();
       if(st.size() > 0) {
           //parent exists
           st.peek().wt += tts;
        0(3)
                                             1(e) o(e) 2(s)
                     1(5)
                                                                                2(e)
                             2(s) 2(e)
         0
                              3
                                              S
                                                                             9
                                                                                   10
```

