

FIND FIRST NON BLOCKING SLOT

A given an array of objects with this format.

```
{  
  id: 1,  
  startTime: 0,  
  endTime: 120  
}
```

id: number, the id of the object.

startTime, endTime: number, the object's start time and end time, it limits from 0 to 1440 (0 = 0 hours, 1440 = 60 minutes * 24 hours = 24 hours). **Of course, the start time is always less than the end time.**

Currently the array contains unstructured objects, and we need your help to write a handler method to figure out the non-blocking slot with the array above and a time duration.

For example:

The input is the block slots array:

```
[[  
  id: 1,  
  startTime: 180,  
  endTime: 220  
],  
{  
  id: 2,  
  startTime: 0,  
  endTime: 120  
},  
{  
  id: 3,  
  startTime: 110,  
  endTime: 150  
}]
```

This means time is blocked from 0 to 120 (id: 2) and 110 to 150 then 180 - 220.

handle(input, 60); output: { startTime: 220, endTime: 280} (because no slot for earlier)

handle(input, 30); output: { startTime: 150, endTime: 180} (because at 150 – 180 there is no blocker)

- Expected function to be written in Nodejs, which contains a package.json and a main file to run the function, which includes the handler.

For example:

at index.js

handler(input, duration) {};

- Results should be uploaded to GitHub and sent via email before due time.