Problem statement
You are managing a team of 5 members. The member details are given to you in the json format attached here (users.json)
sys_id denotes the primary key for each record.

The team works Mon-Fri, 8AM-5PM with one-hour lunch break from 12PM-1PM (no one works in that period). You are given the calendar of individual members of the team for the period 6-Mar to 10-Mar. See the attached file resource_event.json
Each event is for a user, each event has a start and end date/time. Datetime is in the format yyyyMMddTHHmmss. Events have a type "task" or "meeting".

You have to use same JSON data, parse it and solve the problem given here.

These are the tasks you are expected to solve

1   Find hours free and busy for each user
2   Find user who is max busy and who is max free
3   You need to schedule a repeating task for 5 days from 3/6 to 3/10 in morning hours (8AM-12PM), each day dedicating 1 hour each, find out users available to take up this task
4   Print in descending order of hours; users busy with task work and the respective hour
5   Print in descending order of hours; users busy with meeting and the respective hour

Output
1.   Develop a HTML/CSS/JavaScript based solution
2.   Create a component to view the user calendar (you can use any third party libraries or develop your own simple calendar with HTML table). It should allow me to choose a user in top of the page and it will render the calendar below
3.   And below the calendar print the output for the tasks given above

Evaluation criteria includes
1.   Coding standards & conventions
2.   Inclusion of Automated Unit testing
3.   Overall design of the program

Submissions
1.   You can upload code to github or send us code
2.   Optional – publish your solution in some PaaS like heroku