

Front-End / SDEI / Assignment

You will be marked primarily on your problem solving approach but cleaner, well indented and beautiful code will be appreciated. **Please host your work and share the link with us.**

Assignment #1

Create a text input that accepts single, multiple and even a range of numbers and matches the entered numbers with an already existing array and shows the duplicates, if any, and the final list of unique numbers.

Eg inputs -> 7000, 6000, 8000-8005.

If a range is entered, or multiple ranges are entered, all the numbers falling between that range/those ranges have to be considered, matched and displayed.

So to sum it up, if I have an existing array of [7000,7001,7002,7003,7004,7005] in the script and in the text input I enter 6098-7003, I should be notified that 7000, 7001, 7002, 7003 are duplicates and will be skipped, with the final list of new additions (2 in this case).

Assignment #2

Recreate our Trailers Video section from the API, mocks, and a video of the interaction provided. Try to design the page to the best of your ability. We intentionally don't provide pixel perfect designs to see your aptitude for visual design in Front-end.

No JS framework is required to do this test, and you're free to use whatever you want.

PS. The trailer video is inserted in the row above the selected movie; not in a modal or top of the page. So you'll have to figure out how to insert the trailer in between two rows in certain scenarios

You don't need to create the filter dropdowns found on the top right of the page

Here's the API

<https://in.bookmyshow.com/serv/getData?cmd=GETTRAILERS&mtype=cs>

Poster Image URL Reference

<https://in.bmscdn.com/events/moviecard/{EventCode}.jpg>

Example: <https://in.bmscdn.com/events/moviecard/ET00046165.jpg>

Mocks & Interaction Reference:

<https://www.dropbox.com/s/avqmr17h27e6h6/Trailers-Assignment.zip?dl=1>

Good luck!