Assignment #1 - Slice & Dice - Ghost Host

Slice the "Ghost Host" design layout using HTML5, CSS3, and Javascript. Here is a folder with all the assets.

Requirements:

- The result should look the same as the design in terms of layout and elements' positioning.
- The carousel in the "testimonials" section should be working. Clicking on the dots should change the slide. If the user doesn't change the slide for 5 seconds, switch to the next slide automatically.
- The page should be responsive. It is up to you to decide how the page should look on mobile.
- Use the font-awesome library for all the icons not provided as assets.
- The images and icons can be different than the ones in the design.

Technologies:

Your page should use HTML, CSS, and plain Javascript.
The use of external libraries is **forbidden**! (e.g., carousel libraries, bootstrap, etc.)

Criteria:

- Correct layout matching the design
- Carousel implementation
- HTML5 and CSS3 correct use
- Responsive design
- Code formatting
- Naming conventions
- Extras (animations, transitions, etc.)

Assignment #2 - Algo - Best Velocity

Team “Pliant Core” works following the SCRUM methodology. Their sprints are in a time interval of 2 weeks but they have issues finding out when they were most productive. Given the completed story points (results) from previous sprints, find the sequence of 3 consecutive sprints that gives the best total velocity of the team.

Requirements:

- Write a script that accepts the results of the team as an input and outputs the sequence of the 3 consecutive sprints which have the best total velocity and the sum of the completed story points.
- If the input contains less than 3 sprints, throw an error.
- If there is more than 1 best sequence, output the last one.

Examples:

Example 1:
Input: *[11, 14, 10, 12]*
Output: *{ sequence: [14, 10, 12], sum: 36 }*
Explanation: *First sequence of 3 sprints is [11, 14, 10] - total sum = 35. Second sequence of 3 sprints is [14, 10, 12] - total sum - 36. Therefore, the second sequence is the best result of the team*

Example 2:
Input: *[12, 9, 1, 5, 11, 5]*
Output: *{ sequence: [12, 9, 1], sum: 22 }*

Example 3:
Input: *[76, 80]*
Output: *error*

Example 4:
Input: *[76, 80, 81, 77, 83, 78, 80]*
Output: *{ sequence: [83, 78, 80], sum: 241 }*

You must upload your work on both assignments to a public Git repository (Github, Bitbucket, Gitlab) and send an email to jobs@pliant.io with the link to the repository and a subject “Pliant Frontend Internship - Assignment”.

Please ensure that the link to your work publicly accessible. Any assignments that can't be opened will not be reviewed, and we will not send you back an e-mail asking for access.

We encourage you to send back whatever result you achieve, as we will take into account and grade all submissions, even if they’re not completed at 100%.

Good luck!