**DANSOL HIGH SCHOOL**

**13/15 Acme Crescent, Agidingbi, Ikeja, Lagos**

WEB DEVELOPMENT HOLIDAY DELIGHT QUESTIONS AND PROJECT

Provide concise and precise answers to the under-listed questions

1. What is a pseudo-class?
2. **How can you reduce page loading time?**
3. **What are the advantages of HTTP 2.0 over HTTP 1.1?**
4. **What’s the best way to integrate 5 different stylesheets into a website?**
5. **What is the difference between IDs and Classes?**

**Projects**

Responsive Web Design Projects - Build a Product Landing Page Objective

You can use HTML, JavaScript, and CSS to complete this project. Plain CSS is recommended because that is what the lessons have covered so far and you should get some practice with plain CSS. Additional technologies (just for example jQuery, React, Angular, or Vue) are not recommended for this project, and using them is at your own risk. Other projects will give you a chance to work with different technology stacks like React. We will accept and try to fix all issue reports that use the suggested technology stack for this project. Happy coding!

User Story #1: My product landing page should have a header element with a corresponding id="header".

User Story #2: I can see an image within the header element with a corresponding id="header-img". A company logo would make a good image here.

User Story #3: Within the #header element I can see a nav element with a corresponding id="nav-bar".

User Story #4: I can see at least three clickable elements inside the nav element, each with the class nav-link.

User Story #5: When I click a .nav-link button in the nav element, I am taken to the corresponding section of the landing page.

User Story #6: I can watch an embedded product video with id="video".

User Story #7: My landing page has a form element with a corresponding id="form".

User Story #8: Within the form, there is an input field with id="email" where I can enter an email address.

User Story #9: The #email input field should have placeholder text to let the user know what the field is for.

User Story #10: The #email input field uses HTML5 validation to confirm that the entered text is an email address.

User Story #11: Within the form, there is a submit input with a corresponding id="submit".

User Story #12: The navbar should always be at the top of the viewport.

User Story #13: My product landing page should have at least one media query.

User Story #14: My product landing page should utilize CSS flexbox at least once.

Once you're done, submit the URL to your working project with all its tests passing.

Live Site (solution):  <https://github.com/JosephPromise/holidaycodecamp/>