CA2 instructions

Readme.txt

(the list is not exhaustive, feel free to add rows as needed)

BootStrap

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|  | Type | HTML/js/ |
| Bootstrap typography | Bootstrap Classes:  text-center, text-muted, d-flex, justify-content-center, align-items-center  Description:  I used these classes for the alignment and decoration of text/images. | index.html, currentexp.html, course&career.html, |
| Table | Bootstrap Classes:  table, table-sm, table-hover, table-dark, table-bordered, table-striped, thead-dark  Description:  I used these classes for the table and give it some quick bootstrap styles. | currentexp.html, course&career.html |
| Form elements | Bootstrap Classes:  form-group, form-row, form-control, form-control-label, form-inline, form-check, form-check-input, form-check-label, custom-control, custom-switch, custom-control-input, custom-control-label, custom-range, input-group, input-group-prepend, input-group-text  Description:  I used these classes to help get a nice-looking modern feedback form and to help me with having 2 columns in the large viewport. | feedback.html |
| Navigation elements | Bootstrap Classes:  navbar, navbar-fixed-top, nav navbar-expand-md, navbar-brand, nav-item, nav-pills, nav-link, active, dropdown, dropdown-toggle, dropdown-menu, dropdown-item  Description:  I used these classes to help make my navigation bar transparent which gives it a very cool modern look. | index.html, pastexp.html, currentexp.html, course&career.html, feedback.html |
| Additional features | Bootstrap Classes:  Alert: alert, alert-info, alert-dismissible  Jumbotron: about-jumbotron, jumbotron-text  Description:  I used these classes to give my users some tips on my website and make a nice-looking image that covers the whole view height. | index.html (Alert, Jumbotron) |
|  | Bootstrap Classes:  Carousel: carousel, carousel-indicators, carousel-inner, carousel-item, carousel-caption, carousel-control-prev, carousel-control-next, carousel-control-prev-icon, carousel-control-next-icon  Description:  I used these classes to give my carousel the captions and controls on each slide. | pastexp.html (Carousel) |
|  | Bootstrap Classes:  Card: card, card-body, card-title,  Progress bar: progress, progress-bar  Description:  I used these classes to showcase my skills by using the progress bar to show where I felt I was in terms of proficiency in the skill. And the cards so that everything is the same size. | currentexp.html (Card, Progress bar) |

Javascript

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| Javascript properties & methods | this, document.getElementById(), document.querySelectorAll(), animate(), offset(), replace() | script.js, skills.js, slider.js, transition.js |
| Javascript functions | Functions in script.js: plusSlides(), currentSlide(), showSlides(), myFunction()  Description for script.js:  Slides functions for carousel, myFunction() is used for the navigation bar.  Functions in skills.js:  onclick(), setColor(), randomize(), randomColors()  Description for skills.js:  Onclick() is to increment the count when user clicks button on the Javascript Card, other functions are to change color of HTML Card when clicked to show that HTML combines both JS and CSS.  Function in slider.js:  function()  Description for slider.js:  Gets the value of the slider and displays it.  Function in transition.js:  scrollToID()  Description for transition.js:  Gets the data-id and scrolls to the targeted id. | script.js, skills.js, slider.js, transition.js |
| Array | slides, slides.length, dots, dots[i].className  Used in carousel for pastexp.html | script.js |
| Program loops | For loop in script.js is used for the carousel so that it will always change to the correct slide. | script.js |
| Interactive feature | In currentexp.html, in the skills section, I made a simple showcase of how javascript can get input from clicks and deliver an output or changes the background colour of the button. | skills.js |

CSS/Animation/Graphics

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| Graphic effects |  |  |
| Background linear gradient | Blue to Purple linear gradient in the background. Present in all html pages. | index.html, pastexp.html, currentexp.html, course&career.html, feedback.html |
| Box Shadow | Purple box shadow when mouse hovers over containers. Present in all html pages. | index.html, pastexp.html, currentexp.html, course&career.html, feedback.html |
| 2D translation | Containers float to the left and up by 10px. Navigation bar floats out too.  Present in all html pages. | index.html, pastexp.html, currentexp.html, course&career.html, feedback.html |
| Zoom | Transforms the scale of images/text by 1.2.  Present in all html pages except feedback.html. | index.html, pastexp.html, currentexp.html,  course&career.html |
| Bouncing Animation | Adds a bounce animation to the buttons (learn more, back to top, etc.)  Present in all html pages except feedback.html. | index.html, pastexp.html, currentexp.html,  course&career.html |
| Border | Border of 2px solid for containers.  Border of 4px double black for images.  Present in all html pages. | index.html, pastexp.html, currentexp.html, course&career.html, feedback.html |
| Figure box & figure caption | Figure box and figure caption. Present in all html pages except feedback.html. | index.html, pastexp.html, currentexp.html,  course&career.html |