Assignment 01 (75 points)

LastName, FirstName

Objectives:

- Create an HTML Document
- HTML for Document Formatting
- Work with Block-Level Elements
- Create Paragraphs
- Work with Special Characters
- Work with Hypertext
- Work with Images
- Work with Lists

Files:

- text.docx
- d_index.html
- d_info.html
- d_faq.html
- diabetes.png
- track.png
- d_base.css
- d_layout.css
- d_layout2.css
- d_layout3.css

Tools

- Visual Studio Code
- Web Browser (Chrome, Firefox, or Safari)

Follow These Steps for Assignment 01:

- 1. Start Visual Studio Code, and open d_index.html (*1 point*)
- 2. Add a comment with your *firstname lastname* (1 point)
- 3. Make sure to include a document declaration of type HTML (1 point)
- 4. Within the d index.html head, add the following metadata (3 points)
 - a. Set the character encoding of the file to utf-8
 - b. Insert the search keywords: diabetes, type1, type2, prediabetes
- 5. Within the d index.html head, set the title of the document to "Diabetes" (1 point)
- 6. Within d_index.html head, link the document to the d_base.css and d_layout1.css style sheet files using the following code

```
<link href="d_base.css" rel="stylesheet" />
<link href="d_layout1.css" rel="stylesheet" />
```

- 7. Within the document body, insert a header element, two section elements, and a footer element (4 point)
- **8.** Within the header element, insert a navigation list containing an unordered list with the items: Home, More Info, and FAQ. Link the items to the d_index.html, d_info.html, and d_faq.html files respectively (*4 point*)
- 9. Within the first section element (3 points)
 - a) Format the text "Warning signs of diabetes" as heading level 1.
 - b) Format the text "Diabetes signs of of diabetes are:" as a paragraph
 - c) Format the text "Extreme thirst", "Dry mouth", ... "Yeast infection" as an unordered list
- 10. Within the second section element (12 points)
 - a. Add a header element. Inside this header element, add the image diabetes.png with the alternative text "Diabetes". Also, format the text "The path ... starts here" as heading level 1
 - b. Format the text "Understanding type 1" as heading level 2
 - c. Format the text "Here's what ... to thrive" as a paragraph
 - d. Format the text "In type 1 diabetes ... healthy lives" as a paragraph
 - e. Format the text "Remember: this ... out to do" as a paragraph
 - f. Format the text "Understanding type 2" as heading level 2
 - g. Format the text "Type 2 diabetes ... you fight" as a paragraph
 - h. Format the text "A key part ... for you" as a paragraph
 - i. Format the text "Understanding prediabetes" as heading level 2
 - j. Format the text "When it comes ... complications" as a paragraph

- k. Format the text "Regardless, check ... get tested" as a paragraph
- 11. Within the footer element, insert the following text: American Diabetes Association ♥ Arlington County, VA 20330. (*1 point*)
 - a. Use the following ♥ to insert the heart symbol
- 12. Save the file. Load the Webpage in the browser and make sure it looks like the figure.
- 13. Start Visual Studio Code, and open d info.html (*I point*)
- 14. Add a comment with your firstname lastname (1 point)
- 15. Make sure to include a document declaration of type HTML (*1 point*)
- 16. Within the d_info.html head, add the following metadata (*1 points*)
 - a. Set the character encoding of the file to utf-8
- 17. Within the d_info.html head, set the title of the document to "More Information" (1 point)
- 18. Within the d_info.html head, link the document to the d_base.css and d_layout2.css style sheet files using the following code

```
<link href="d_base.css" rel="stylesheet" />
<link href="d layout2.css" rel="stylesheet"</pre>
```

- 19. Within the document body, insert a header element, one section elements, and a footer element (1 point)
- 20. Within the header element, insert a navigation list containing an unordered list with the items: Home, More Info, and FAQ. Link the items to the d index.html, d info.html, and d faq.html files respectively (*1 point*) (Hint: you can simply copy the same code from d index.html)
- 21. Within the section element (17 *points*)
 - a. Add a header element. Inside this header element, add the image track.png with the alternative text "Diabetes Track". Also, format the text "More Information About Diabetes" as heading level 1
 - b. Format the text "Signs and symptoms" as heading level 2
 - c. Format the text "The classic ... tiredness" as a paragraph
 - d. Format the text "Several other ... dermadromes" as a paragraph
 - e. Format the text "Diabetic emergencies" as heading level 2
 - f. Format the text "People (usually ... consciousness" as a paragraph
 - g. Format the text "A rare ... dehydration" as a paragraph
 - h. Format the text "Treatment-related ... glucagon" as a paragraph

j. Format the text "Exercise and diet tips" as heading level 2

- k. Format the text "If a doctor ...health" as a paragraph

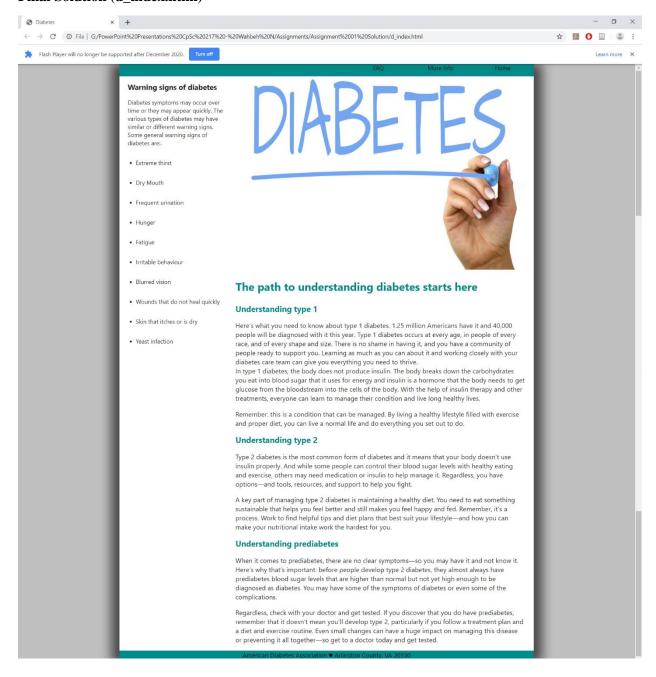
- 1. Format the text "A doctor ... condition" as a paragraph
- m. Format the text "Steps a person ... include:" as a paragraph
- n. Format the text "Eating a diet ...", "Avoiding high-sugar ...", "Refraining from ...", "Engaging in at ...", and "Recognizing signs of ..." as an unordered list
- o. Format the text "People can also ... or swimming" as a paragraph
- p. Format the text "Slow, steady weight ... sweating" as a paragraph
- 22. Within the footer element, insert the following text: American Diabetes Association ♥ Arlington County, VA 20330 (*1 point*)
 - a. Use the following ♥ to insert the heart symbol
- 23. Save the file. Load the Webpage in the browser and make sure it looks like the figure.
- 24. Start Visual Studio Code, and open d_faq.html (*1 point*)
- 25. Add a comment with your *firstname lastname* (1 point)
- 26. Make sure to include a document declaration of type HTML (1 point)
- 27. Within the d_faq.html head, add the following metadata (*1 points*)
 - a. Set the character encoding of the file to utf-8
 - b. Insert the search keywords: diabetes, type1, type2, prediabetes
- 28. Within the d_faq.html head, set the title of the document to "Diabetes FAQ" (1 point)
- 29. Within d_faq.html head, link the document to the d_base.css and d_layout3.css style sheet files using the following code

```
<link href="d_base.css" rel="stylesheet" />
<link href="d_layout3.css" rel="stylesheet" />
```

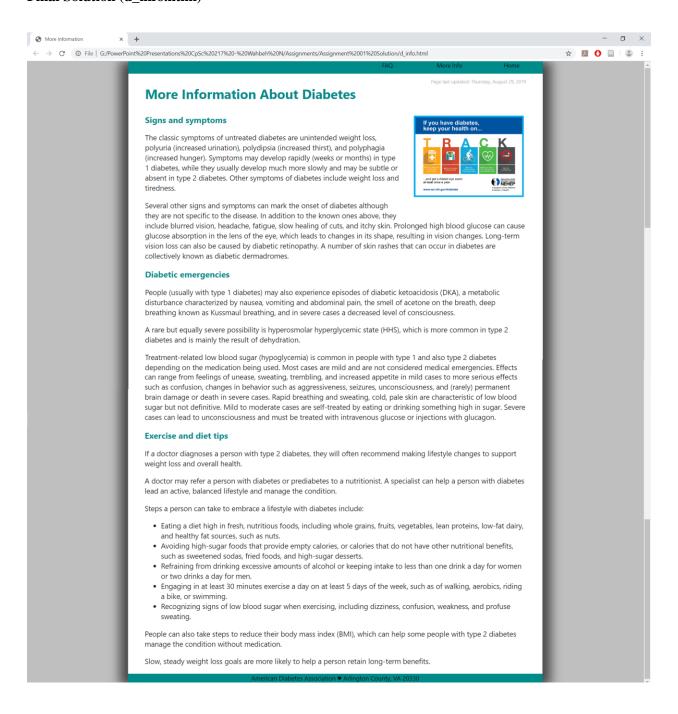
- **30.** Within the document body, insert a header element, one section elements, and a footer element (*1 point*)
- 31. Within the header element, insert a navigation list containing an unordered list with the items: Home, More Info, and FAQ. Link the items to the d_index.html, d_info.html, and d_faq.html files respectively (*I point*) (Hint: you can simply copy the same code from d_index.html)
- 32. Within the section element (**10** *points*)
 - a. Insert a header element with the id attribute pagetop. Inside the header element, insert the image track.png with the alternate "Diabetes Track" followed by the text "Frequently Asked Questions" as heading level 2
 - b. Format the list of questions as an ordered list.
 - c. Notice that below the ordered list you just created, the questions are repeated, and each question is followed by its answer. Mark the text of those questions as heading level 2 and

- the answer as a paragraph. Add an id attribute to each of the 13 h2 headings with the first heading given the id faq1, the second heading faq2, and so forth down to faq12 for the last h2 heading.
- d. After the last answer, insert a paragraph with the text "Return to the top" and mark the text as a hypertext link pointing to the header element with the id pagetop.
- e. Return to the ordered list at the top of the section that you created in Step 34. Change each item in the ordered list to a hypertext link pointing to the h2 heading containing the question's answer that you created in Step 35. For example, the first question "What are the risk factors for developing diabetes?" should be linked to the h2 heading with the faq1 id.
- 33. Within the footer element, insert the following text: American Diabetes Association ♥ Arlington County, VA 20330 (*1 point*)
 - a. Use the following ♥ to insert the heart symbol
- 34. Save your changes to the file and then open d_faq.html in your browser. Verify that by clicking a question within the ordered list, the browser jumps to that question's answer. Further, verify that clicking the Return to the Top link at the bottom of the page causes the browser to return to the top of the page

Final Solution (d index.html)



Final Solution (d info.html)



Final Solution (d_faq.html)

