# HTML Structure Blocks

### Inline Elements vs. Block Elements

- All of the preceding semantic markup tags indicated "inline" elements
- Inline elements occupy space equivalent to the content they enclose, and no more
- Consecutive inline elements flow one after the other, with the specified text direction – usually left-to-right

### Inline Elements vs. Block Elements

- Block elements occupy space corresponding to the enclosed content, and the rest of the horizontal text line
- This causes block elements to flow stacked on top of each other it is equivalent to placing line-breaks before and after the element

<h3>Early life, The Audition, and career
beginnings</h3>

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## Text Blocks

h1, h2, h3, h4, h5, h6, p

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h1, h2, h3, h4, h5, h6, p

- The element indicates a paragraph
- In most situations, using paragraphs is more appropriate than forcing linebreaks using the <br> tag

#### Janelle Monáe

<strong>Janelle Monáe Robinson</strong> (born December) 1, 1985), known as Janelle Monáe (pron.: /meˈneɪ/), is an American R&B/soul musician signed to Bad Boy Records and Atlantic Records. After making a mark with her first unofficial album, <em>The Audition</em>, Monáe debuted with a conceptual EP, <em>Metropolis: Suite I (The Chase)</em>. The EP failed to make much of a commercial impact, peaking at No. 115 on the Billboard charts in the United States.

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- The elements <h1> to <h6> represent headings in a document
- <h1> is the most important heading, <h6> the least

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- The <blockquote> element specifies an extended quotation that spans multiple lines/sentences
- Unlike <q>, block quotes are not automatically surrounded by quotation marks
- The "cite" attribute may be used to reference a source for the quote, which must be a valid URI

(Special Edition) and included two new tracks. The EP was generally well received by critics, garnering Monáe a 2009 Grammy nomination in the Best Urban/Alternative Performance for her single "Many Moons", [9] festival appearances and opening slots for the indie pop band Of Montreal. Monáe also toured as the opening act for band No Doubt on their summer 2009 tour. [10] Her single "Open Happiness" was featured in the 2009 season finale of American Idol. [11] Monáe told MTV about her concept for her new album and also discussed her alter-ego named Cindi Mayweather, she said:

"Cindi is an android and I love speaking about the android because they are the new "other". People are afraid of the other and I believe we're going to live in a world with androids because of technology and the way it advances. The first album she was running because she had fallen in love with a human and she was being disassembled for that."[12]

In a November 2009 interview, Monáe revealed the title and concept behind her album, *The ArchAndroid*. The album was released on May 18, 2010. The second and third suites of *Metropolis* are combined into this full-length release, in which Monáe's alter-ego, Cindi Mayweather—also the protagonist of *Metropolis: The Chase Suite*— becomes a messianic

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- The <address> element is used to supply contact information for the author(s) of a given page or page section
- <address> should not be used for addresses not related to contact information

#### Contact your instructor, Marina Barsky, using the following information

Email: marina.barsky@viu.ca

Office: 315/212

Phone Number: (250) 753-3245 Ext: 2321

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address, article, aside, blockquote, footer, header, hgroup, section

■ The <hgroup> element groups together several heading elements — with only one (the highest ranked) contributing to the document outline

address, article, aside, blockquote, footer, header, hgroup, section

The <section> element represents a generic grouping of content, usually on a thematic basis – and accompanied by a heading or <hgroup> for outlining purposes

- The <article> element represents a section which may be understood out of the context of the document – e.g. when syndicated separately
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# Nesting and Overlapping Elements

- Elements may be nested inside other elements, with the exception of paragraph elements – which segment themselves when block elements are nested within
- Inline elements may also overlap each other blocks may not, since they "break" lines automatically
- In fact, proper html structure has at least two levels of nesting even when you do not author it that way – the browser infers and inserts the required elements automatically

body, head, html

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The <body> element surounds all content tags, both block and inline – that are to be displayed in the browser window

<del>body</del>, head, html

- The <head> element holds all metadata about a page – that is, elements that describe the document as opposed to it's content
- <title> and <meta> elements should be nested within
- The <!DOCTYPE> tag is placed outside the <head> element (and outside the <html> element too)

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- The <html> element defines the limits of the HTML document, it is the "top-level" container
- The <body> and <head> elements are nested directly in the <html> element and all others are nested within the <body> and <head>