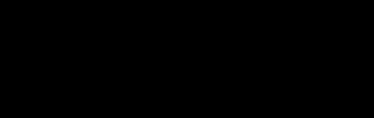
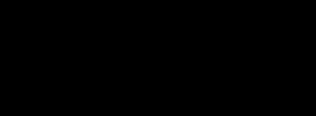
Computer Science Web Designing Dr. WAHEED ANWAR The Islamia University of Bahawalpur Web Systems and Technologies







Computer Science HTML CSS Bootstrap JavaScript PHP MYSQL What do you learn?





Computer Science Types of web pages Static pages Dynamic pages Text pages Forms Animated pages Introduction to Web Pages









Computer Science HTML –Hyper-Text Markup Language –The Language of Web Pages on the World Wide Web It defines the structure of webpages and determines how data is displayed online HTML is a text formatting language It is a set of special instructions that can be added in the text to add formatting and linking information It is directly interpreted by the browser Hyper-Text Markup Language



Computer Science Uses markups or tags Used for formatting text, graphics etc on web Not a real language Subset of SGML (Structured Generalized Markup Language) Simpler than SGML HTML is not case-sensitive multiple spaces will appear as a single space Blank and new lines are ignored <!--comments --> HTML files have .html extension HTML (Hypertext Markup Language)



Computer Science Benefits and Limitation of HTML Simplicity Platform Independent Easy Navigation Attractive and Easier to Read Limitation Non Programming Capabilities Static



Computer Science • Note pad • Note pad ++ • Sublime • VScode • codeBlock • Word pad • Sublime No specific editor required following editors can be used. Editors of HTML



Computer Science Commands of HTML are TAGS Surrounded by angle brackets < > Normally are paired as <head></head> • Opening tag <head> start tag • Closing tag </head> close tag Elements are the commands that tell the browser to do some thing (tags) Tags and Attributes



















Computer Science •The text between start and end tags is called the element contents. •Tags are not case sensitive •Attributes are the additional information about the elements –Attributes Are included in the start tag –Some are compulsory while others are not Tags and Attributes



Computer Science <HTML> <HEAD> …………. Head Section </HEAD> <BODY> …………. Body Section </BODY> </HTML> Basic Structure of HTML Document



Computer Science • HEAD SECTION –Identify the head or title of the document –<title> </title> can appear only here –It appears as title in the browser as title • BODY SECTION –Contains the text to be displayed in the browser –Gives description of document layout and structure. Head & Body Sections



Computer Science Attributes of BODY Attribute Description BGCOLOR For background color BACKGROUND Background picture of web page TEXT Color of text is specified



Computer Science •<BODY BGCOLOUR=“red” TEXT=“yellow”> in this example the background color in red and text color is yellow of the web •<BODY BACKGROUND=“MY PIC.gif” TEXT=“green”> the above example picture in background of web and text color is green. Example



Computer Science Headings are very important tags in BODY of HTML document. It is used to display different types of heading. the open Tags are <Hn> ad the close tags are </Hn> Where the N is the size of the heading. It value is from 1 to 6. Headings



Computer Science Attribute of Headings Attribute Description ALIGN Specifics the alignment of the heading. The possible values are center, left, and right. The default value is left



Computer Science • Used to add text to document to the size of window –<p> </p> the ending tag is optional • HTML automatically adds a blank line before and after a paragraph • ATTRBUT OF PARAGRAPH –ALIGN defines the alignment of the para. –<p ALIGN=“right”>…………</p> Paragraphs



Computer Science •Used to break a line •Used to move control to the next line •<BR> tag is used for this purpose –This tag has no closing tag Line Breaks



Computer Science •Used to separate different areas of web page •Displays a horizontal line in the page –<HR> tag is used –Has no closing tag •ATTRIBUTES –ALIGN shows alignment default center –SIZE specifies size default is 2 pixels –WIDTH specifies width default is to –NOSHADE turns off shading –COLOR specifies color of line Horizontal Line



Computer Science •Different tags are used for text formatting •BOLD –<B>……..</B> •Italic –<I>……..</I> •Underline –<U>…………</U> •Superscript –<SUP>…….</SUP> Text Formatting

