JavaScript/JScript

- Web browser contains the JavaScript Interpreter, which processes JavaScript commands.
- ❖ JavaScript often appears in the <head> section of the XHTML document. The browser interprets the contents of the <head> section first, before the <body> of the XHTML document is rendered.
- **❖JavaScript** is Case Sensitive
- All Keywords are lower case
- ♦ White space ignored = spaces, tabs, new lines.
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XHTML <script> Element

- <script> element indicates to browser that text that follows is part of a script.
 - ◆type attribute specifies type of file and scripting language
 - ◆Both Microsoft IE and Netscape use JavaScript as the default scripting language.

```
<scri pt type = "text/j avascri pt">
    scri pt code statements;
</scri pt>
```

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JavaScript Comments

- ❖ Single-line comments //
- ❖ Multi-line comments /* This is a comment */
- Browser that does not support scripts, ignores the <script> element and the script code.
- ❖I do not agree with the text book about the XHTML comment lines within script element Delete the <! -- and // --> lines.
- All JavaScript statements end with a semicolon;
- JavaScript writes XHTML and browser renders XHTML.

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```
JavaScript Output
                               🎒 A First Program in J... 💶 🔲 🗶
*document.writeIn
                                 File Edit View Far >>
❖Object is document
❖Method is writeIn
                                Hello World!
<html>
 <head>
  <title>A First Program in JavaScript</title>
  <script type="text/javascript">
   document.writeln( "<h3>Hello World!</h3>" );
  </script>
 </head>
 <body> </body>
</html>
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```







