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**Arithmetic Operators Precedence** (Highest to Lowest) Defines order of operation () Minus (unary) \* / % Multiply, Division, Remainder Addition, Subtraction + -< <= > >= **Relational Operators** == 1= && || ! **Logical Operators** Assignment = http://www.w3schools.com/jsref/jsref operators.asp Copyright © 2019 R.M. Laurie













```
<!DOCTYPE html>
                           if - else Selection Structure
<html lang="en">
 <head>
   <meta charset="utf-8">
   <title>Miles or Kilometers Converter</title>
 </head>
 <body>
    <script>
      var sEntry, fEntry, fResult;
      sEntry = window.prompt("Is input distance miles or km? (m or k)", "m");
      if(sEntry == "m")
       fEntry = parseFloat(window.prompt("Enter miles: ", "0"));
       fResult = Entry * 1.609;
       document.write(""+fEntry+" miles = "+fResult+" km");
      ł
      else
      ł
       fEntry = parseFloat(window.prompt("Enter kilometers: ", "0"));
       fResult = fEntry / 1.609;
       document.write(""+ fEntry +" km = "+ fResult +" miles");
      document.write("Reload for another conversion");
   </script>
 </body>
</html>
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```



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- Test your program thoroughly
  - Write test data to test all selection paths
  - Does output support user expectations

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