

### Assignment on Operators

<p>Q1 Evaluate the following expressions:</p> <p>a) <math>8/4+4^{**2}/5\%2-8</math>  b) <math>10 \geq 5</math> and <math>7 &lt; 12</math> or not <math>13==3</math>  c) <math>6 * 3 + 4^{**2} // 5-8</math>  d) <math>10 &gt; 5</math> and <math>7 &gt; 12</math> or not <math>18&gt;3</math>  e) <math>18 \% 4 ** 3 // 7+9</math>  f) <math>2 &gt; 5</math> or <math>5 == 5</math> and not <math>12\leq 9</math>  g) <math>6 * 3 + 4^{**2} // 5-8</math>  h) <math>10 &gt; 5</math> and <math>7 &gt; 12</math> or not <math>18&gt;3</math>  i) <math>51+4-3^{**3}/19-3</math>  j) <math>1718</math> and not <math>19==0</math>  k) <math>8 * 3 + 2^{**3} // 9-4</math>  l) <math>12 &gt; 15</math> and <math>8 &gt; 12</math> or not <math>19&gt;4</math>  m) not(<math>20&gt;6</math>)or(<math>19&gt;7</math>)and(<math>20==20</math>)  n) <math>17\%20</math>  o) <math>2 ** 3^{**2}</math>  p) <math>7 // 5 + 8 * 2 / 4-3</math></p>	<p>Q2 If given <math>A=2, B=1, C=3</math>, What will be the output of following expressions:</p> <ol style="list-style-type: none"> <li><math>(A&gt;B)</math> and <math>(B&gt;C)</math> or <math>(C&gt;A)</math></li> <li><math>A^{**}B^{**}C</math></li> </ol> <p>Q3 Write the output of the following python expression:</p> <ol style="list-style-type: none"> <li><math>(4&gt;5)</math> and <math>(2!=1)</math> or <math>(4&lt;9)</math></li> <li><math>2 + 3*4//2-4</math></li> <li><math>10\%3-10//3</math></li> <li><math>4+4.00, 2^{**}4.0</math></li> </ol>
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### Assignment : TOKENS

<p>Which of the following is valid relational operator in Python:  (a)//      (b)?      (c)&lt;      (d)and</p>	<p>Which of the following is not an assignment operator?  i)      <math>**=</math>    ii.)/=    iii.)==    iv.)%=</p>
<p>Write the type of tokens from the following.</p> <p>i.      <code>_Var</code>      ii.      <code>In</code></p> <hr/> <p>Write the data type of following literals:  (i)123      (ii)True</p>	<p>Find the correct identifiers out of the following, which can be used for naming Variable, Constants or Functions in a python program:  For, while, INT, NeW, del, 1stName, Add+Subtract, name1</p>
<p>Find the correct identifiers out of the following, which can be used for naming variable, constants or functions in a python program :  While, for, Float, int, 2ndName, A%B, Amount2, <code>_Counter</code></p>	<p>Which of the following is valid logical operator  (i)&amp;&amp;    (ii)&gt;    (iii)and    (iv) ==</p> <hr/> <p>Identify the invalid logical operator in Python from the following.  a)and    b)or    c)not    d)Boolean</p>
<p>Which operator is used for replication?  a)+      b)%      c)*      d) //</p>	<p>Which of the following is not a valid identifier name in Python? Justify reason for it not being a valid name.  a)5Total    b)<code>_Radius</code>    c)pi    d)While</p>
<p>Which of the following are valid operator in Python:  (i)*/    (ii)is    (iii)^    (iv)like</p>	<p>Which of the following are Keywords in Python ?  (i)break    (ii)check    (iii)range    (iv)while</p>
<p>Find the invalid identifier from the following  a)def    b)For    c)<code>_bonus</code>      d)First_Name</p>	<p>Which of the following is valid arithmetic operator in Python:  (i)//      (ii)?    (iii)&lt;      (iv) and</p>
<p>Identify the invalid keyword in Python from the following:  (a)True    (b)None  (c)Import    (d)return</p>	<p>Name the mutable data types in Python.</p>