

Assignment on Operators

Q1 Evaluate the following expressions:

- a) $8/4+4^{**}2//5\%2-8$
- b) $10 \geq 5$ and $7 < 12$ or not $13==3$
- c) $6 * 3 + 4^{**}2 // 5-8$
- d) $10 > 5$ and $7 > 12$ or not $18>3$
- e) $18 \% 4 ** 3 // 7+9$
- f) $2 > 5$ or $5 == 5$ and not $12<=9$
- g) $6 * 3 + 4^{**}2 // 5-8$
- h) $10 > 5$ and $7 > 12$ or not $18>3$
- i) $51+4-3^{**}3//19-3$
- j) $1718 \text{ and not } 19==0$
- k) $8 * 3 + 2^{**}3 // 9-4$
- l) $12 > 15$ and $8 > 12$ or not $19>4$
- m) not($20>6$)or($19>7$)and($20==20$)
- n) $17\%20$
- o) $2 ** 3^{**}2$
- p) $7 // 5 + 8 * 2 / 4-3$

Q2 If given A=2,B=1,C=3, What will be the output of following expressions:

1. (A>B) and(B>C)or(C>A)
2. $A^{**}B^{**}C$

Q3 Write the output of the following python expression:

1. $(4>5 \text{ and } (2!=1)\text{or}(4<9)$
2. $2 + 3*4//2-4$
3. $10\%3-10//3$
4. $4+4.00, 2^{**}4.0$

Assignment : TOKENS

<p>Which of the following is valid relational operator in Python: (a)// (b)? (c)< (d)and</p> <p>Write the type of tokens from the following. i. _Var ii. In</p> <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 : While, for, Float, int, 2ndName, A%B, Amount2, _Counter</p> <p>Which operator is used for replication? a)+ b)% c)* d) //</p> <p>Which of the following are valid operator in Python: (i)*/ (ii)is (iii)^ (iv)like</p> <p>Find the invalid identifier from the following a)def b)For c)_bonus d)First_Name</p> <p>Identify the invalid keyword in Python from the following: (a)True (b)None (c)Import (d)return</p>	<p>Which of the following is not an assignment operator? i) **= ii.)/= iii.)== iv.)%=%</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>Which of the following is valid logical operator (i)&& (ii)> (iii)and (iv) ==</p> <p>Identify the invalid logical operator in Python from the following. a)and b)or c)not d)Boolean</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)_Radius c)pi d)While</p> <p>Which of the following are Keywords in Python ? (i)break (ii)check (iii)range (iv)while</p> <p>Which of the following is valid arithmetic operator in Python: (i)// (ii)? (iii)< (iv) and</p> <p>Name the mutable data types in Python.</p>
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