

Flow Control and Comparators Practice Problems Solutions:

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Flow Control and Comparators:

- 1.create a variable and assign to it an expression that is true using the greater than comparator
- 2.create a variable and assign to it an expression that is false using the greater than comparator
- 3.create a variable and assign to it an expression that is true using the greater than or equal to comparator
- 4.create a variable and assign to it an expression that is false using the greater than or equal to comparator
- 5.create a variable and assign to it an expression that is true using the less than comparator
- 6.create a variable and assign to it an expression that is false using the less than comparator
- 7.create a variable and assign to it an expression that is true using the less than or equal to comparator
- 8.create a variable and assign to it an expression that is false using the less than or equal to comparator
- 9.create a variable and assign to it an expression that is true using the equal to comparator
- 10.create a variable and assign to it an expression that is false using the equal to comparator
- 11.create a variable and assign to it an expression that is true using the not equal to comparator
- 12.create a variable and assign to it an expression that is false using the not equal to comparator

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greaterThanTru = 13 * 2 > 1 # 26 is greater than 1 True

greaterThanFalse = 14 / 2 > 2 ** 4 # 7 is not greater than 16 False

greThanEqITru = 7 >= 7 # 7 is equal to itself, so True

greThanEqIFalse = 6 >= 14 - 7 # 6 is not greater than 7, so False

lessThanTrue = 5 < 7 # 5 is less than 7, so False

lessThanFalse = 8 % 8 < 0 # 8 modulo 8 gives remainder 0 and 0 is not less than itself, so False

lessThanEqITru = 6 <= 10 + 9 # 6 is less than 19, so True

lessThanEqIFalse = 8 / 3 <= 8 // 3 # 2 and 2/3 is bigger than 2, so False

equalToTru = 11 == 11 # 11 is equal to itself, so True

equalToFalse = 1 == 2 # 1 does not equal to, so False

notEqualToTru = 900 != 900.1 # 900 is not equal to 900.1, so False

notEqualToFalse = 1.79 != 1.79 # 1.79 is equal to itself, so False