* Topic: Boolean logic in python
* Expressions involve a boolean data type, which takes values True or False and must be capitalized.
* Boolean operations ("or", "and", "not") take boolean objects and return boolean results.
* "Or" returns True if either argument is True.
* "And" returns True only if both arguments are True.
* "Not" negates the value of its argument.
* Python provides eight comparison operations for various types, including numbers and sequences.
  + <: Less than
  + <=: Less than or equal to
  + >: greater than
  + >=: greater than or equal to
  + ==: Equal to
  + !=: Not equal to
  + is: Same object
  + is not: Different object
* Comparisons return boolean results, True or False.
* The "is" and "is not" operations test object identity, while other comparison operations test value equality