Complete the following functions.

1. def same_abs(num1, num2):
   """ (number, number) -> bool

   Return True iff (if and only if) num1 and num2 have the same absolute value.

   >>> same_abs(-3, 3)
   True
   >>> same_abs(3, 3.5)
   False
   """

2. def different_types(obj1, obj2):
   """ (object, object) -> bool

   Return True iff obj1 and obj2 are of different types.

   >>> different_types(3, '3')
   True
   >>> different_types(108.0, 3.14)
   False
   """

3. An extra exercise to try at home.

   def is_right_triangle(side1, side2, hypotenuse):
     """ (int, int, int) -> bool

     Return whether a triangle with sides of length side1, side2 and hypotenuse is a right triangle.

     >>> is_right_triangle(3, 4, 5)
     True
     >>> is_right_triangle(2, 2, 4)
     False
     """