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# TheCountyPopClass.py

from math import sqrt, sin, cos, pi
from random import uniform as
randu

class CountyPop(object):
    """
    Attributes:
        Name: the name
of the county      (str)
        State: the name of the state      (str)
        Pop2010:int, the
2010 population (int)
        Pop2011:int, the 2011 population (int)
        Pop2012:int, the
2012 population (int)
        Pop2013:int, the 2013 population (int)
        Pop2014:int, the
2014 population (int)

    """
    def
__init__(self,Name,State,Pop2010,Pop2011,Pop2012,Pop2013,Pop2014):
    """
Creates a CountyPop object.
    PreC: Name and State are strings, the rest are ints.

    """
    self.Name = Name
    self.State = State
    self.Pop2010 =
Pop2010
    self.Pop2011 = Pop2011
    self.Pop2012 = Pop2012
    self.Pop2013 =
Pop2013
    self.Pop2014 = Pop2014

    def __str__(self):

    """ Pretty prints a County object.

        To apply this function to a
point P, write
            print P
    """
    fullName = self.Name +
', ' + self.State
    return '%40s' % fullName

```