NAME

   ClassRoute

CLASSES

   builtins.object

      Route

   class Route(builtins.object)

   | This module contains the 'Route Class'

   | An instance of Route has a list that contains instances of class City

   |

   | Methods defined here:

   |

   | __init__(self, route)

   | :param route: a list containing instances of class 'City'

   |

   | connectionAmt(self)

   | :return: returns the total amount of connections of all Cities combined. Connections = amount of neighbors per City

   | :rtype: integer

   |

   | toString(self)

   | :return: returns void. Function puts the name of each City into a list and prints it

   |

   | totalDistance(self)

   | :return: returns void, sets the total distance.

   | Total distance = distance from the first City to the second City, added to the distance between the second and third City, etc.

   |

   | validRoute(self)

   | :return: returns if the Route is a valid route or not.

| A route is valid if the first City in the route is the neighbor of the second City and if the second City is the neighbor of the third City etc.

| :rtype: bool