

Lab 7.03 - Kangaroo Class ## Instructions * Finish writing the `__add__` method for the time class from the Do Now. * Write a definition for a class named Kangaroo with the following methods: * An `__init__` method that initializes an attribute named `pouch_contents` to an empty list. * A method named `put_in_pouch` that takes an object of any type and adds it to `pouch_contents`. * A `__str__` method that returns a string representation of the Kangaroo object and the contents of the pouch. ### Tips to give students * This exercise is a cautionary tale about one of the most common, and difficult to find, errors in Python * `TypeError: Can't convert 'list' object to 'str' implicitly` * Use the `str()` function to convert the list object to a string. * Test your code by creating two Kangaroo objects * assign them to variables named `kanga` and `roo` * add `roo` to the contents of `kanga`'s pouch ## Extra Credit Return to your Pet class from Lab 7.02. Research the `isinstance` function to write a method, `is_friend` that will take in another pet and return `True` if the two pets are friends, and `false` if they are not. ### Rules * If they are both dogs they are friends. * If the instance is a dog and the other pet is a cat, they are friends. * If the instance is a cat and the other is a dog they are not friends. * If they are both cats they are not friends.