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In [2]: import unittest
 # Водитель
 class Driver:
     def __init__(self, driver_id, name, experience, fleet_id):
         self.driver_id = driver_id
         self.name = name
         self.experience = experience
         self.fleet_id = fleet_id
 # Автопарк
 class Fleet:
     def __init__(self, fleet_id, name):
         self.fleet_id = fleet_id
         self.name = name # Название автопарка
 # многие-ко-многим
 class DriverFleet:
     def __init__(self, driver_id, fleet_id):
         self.driver_id = driver_id
         self.fleet_id = fleet_id
 # Данные
 drivers = [
     Driver(1, "Иванов", 5, 1),
     Driver(2, "Πeτρos", 10, 1),
     Driver(3, "Сидоров", 3, 2),
     Driver(4, "Кузнецов", 8, 3),
     Driver(5, "Алексеев", 6, 2),
 fleets = [
     Fleet(1, "Центральный автопарк"),
     Fleet(2, "Южный автопарк"),
     Fleet(3, "Северный автопарк"),
 driver_fleets = [
     DriverFleet(1, 1),
     DriverFleet(2, 1),
     DriverFleet(3, 2),
     DriverFleet(4, 3),
     DriverFleet(5, 2),
 # Функции
 def list_drivers_by_fleet():
     sorted_fleets = sorted(fleets, key=lambda f: f.name)
     result = {}
     for fleet in sorted_fleets:
         fleet_drivers = [d.name for d in drivers if d.fleet_id == fleet.fleet_id]
         result[fleet.name] = fleet_drivers
     return result
 def list_fleets_by_experience():
     fleet_experience = {fleet.fleet_id: 0 for fleet in fleets}
     for driver in drivers:
         fleet_experience[driver.fleet_id] += driver.experience
     sorted_fleet_experience = sorted(
         fleet_experience.items(), key=lambda item: item[1], reverse=True
     result = {}
     for fleet_id, experience in sorted_fleet_experience:
         fleet_name = next(f.name for f in fleets if f.fleet_id == fleet_id)
         result[fleet_name] = experience
     return result
 def list_fleets_with_drivers_containing_word(word="aвтопарк"):
     fleets_with_word = [fleet for fleet in fleets if word in fleet.name.lower()]
     result = {}
     for fleet in fleets_with_word:
         associated_drivers = [
             d.name
             for df in driver_fleets
             if df.fleet_id == fleet.fleet_id
             for d in drivers
             if d.driver_id == df.driver_id
         result[fleet.name] = associated_drivers
     return result
 # Тесты
 class TestFleetFunctions(unittest.TestCase):
     def test_list_drivers_by_fleet(self):
         result = list_drivers_by_fleet()
         expected = {
             "Центральный автопарк": ["Иванов", "Петров"],
             "Южный автопарк": ["Сидоров", "Алексеев"],
             "Северный автопарк": ["Кузнецов"],
         self.assertEqual(result, expected)
     def test_list_fleets_by_experience(self):
         result = list_fleets_by_experience()
         expected = {
             "Центральный автопарк": 15,
             "Южный автопарк": 9,
             "Северный автопарк": 8,
         self.assertEqual(result, expected)
     def test_list_fleets_with_drivers_containing_word(self):
         result = list_fleets_with_drivers_containing_word("aвтопарк")
         expected = {
             "Центральный автопарк": ["Иванов", "Петров"],
             "Южный автопарк": ["Сидоров", "Алексеев"],
             "Северный автопарк": ["Кузнецов"],
         self.assertEqual(result, expected)
 if __name__ == "__main__":
     unittest.main(argv=[''], exit=False)
. . .
Ran 3 tests in 0.002s
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