```
class TestStudentGroup(unittest.TestCase):
               StudentGroup(1, '1 группа', [1, 2]),
StudentGroup(2, '2 группа', [2, 3]),
StudentGroup(3, '3 группа', [1, 3])
               Department(1, 'Кафедра математики', [1, 3]),
Department(2, 'Кафедра физики', [1]),
Department(3, 'Кафедра физического воспитания', [2])
          self.students_in_departments = [
                StudentsInDepartment(1, 1, 90),
               StudentsInDepartment(3, 1, 92),
StudentsInDepartment(4, 3, 88),
StudentsInDepartment(5, 3, 94)
group in self.student_groups if group.group_id in department.student_ids]) for department in self.departments if 'καφεμρα' in department.department_name.lower()]
expected_result = [("Кафедра математики", ['1 группа', '3 группа']), ("Кафедра физики", ['1 группа'])]
           self.assertEqual(filtered departments, expected_result)
           for department in self.departments:
student.department _id == department.department id]
                     average grades[department.department name] = average grade
           self.assertEqual(average grades, expected result)
department in self.departments if department.department_id in group.department_ids])
          expected_result = {'1 группа': ['Кафедра физики', 'Кафедра математики']}
          self.assertCountEqual(group_departments.keys(), expected_result.keys())
                self.assertCountEqual(group departments[key], expected result[key])
     unittest.main()
```

Результат выполнения программы:

Ran 3 tests in 0.001s

0K

Process finished with exit code 0