```
class Student:
                 \overline{\text{self.id}} = \text{id}
groups = [
students = [
        Student(4, 'Andreev', 4.8, 5),
Student(5, 'Sidorov', 3.7, 3),
        StudentGroup(1, 2),
StudentGroup(4, 3),
StudentGroup(3, 4),
StudentGroup(2, 5),
```

```
res 11.append((student surname, student group id))
len(g students average ratings))
   print(sorted(res 12.items(), key=lambda item: item[1]))
   print('\nЗадание ДЗ')
many to many))
```

```
Задание Д1
[('Ivanov', 'IU5-31B'), ('Baranov', 'IU5-32B'), ('Sidorov', 'IU5-33B'), ('Popov', 'IU7-54B')]

Задание Д2
[('IU5-31B', 3.4), ('IU5-33B', 3.7), ('IU7-54B', 4.0), ('IU5-32B', 4.2), ('RT5-12B', 4.8)]

Задание Д3
{'IU5-31B': ['Ivanov', 'Baranov'], 'IU5-32B': ['Sidorov'], 'IU5-33B': ['Andreev'], 'IU7-54B': ['Popov']}
```