

**Сдать задание до:**  
**Куда отправлять:**  
**Тема письма:**

31 октября (включительно)  
dima@pkims.ru  
ТА – СРС4 – группа – фамилия

### Простое задание

2 балла максимум, кодирование на C++ не требуется

Приведите пример связного взвешенного неориентированного графа, в котором:

- от 15 до 20 вершин;
- присутствует цикл из 5-ти вершин, суммарный вес путей которого не превышает 10;
- есть две вершины, путь между которыми проходит не менее, чем через 5 других вершин, а вес этого пути не меньше веса пути в цикле из п.2;

### Сложное задание

3 балла максимум, кодирование на C++ не требуется

По заданной матрице смежности постройте орграф (можно нарисовать на листе бумаги, сфотографировать и прислать фото)

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