

Раскодировка Прюфера

По заданному коду Прюфера построить дерево, найти радиус r и диаметр d графа. Записать десятичную кодировку дерева с корнем в вершине 7.

Задача 8.1. *Алексахин*

Антон

2, 7, 4, 9, 6, 11, 8, 9, 14, 15,
12, 13, 14, 19, 16, 17, 18, 19,
24, 21, 22, 23

Задача 8.2. *Балов Артём*

6, 7, 3, 8, 6, 11, 12, 13, 14,
15, 11, 16, 18, 19, 16, 16, 21,
23, 24, 21, 22, 23

Задача 8.3. *Белоусов*

Георгий

2, 7, 8, 9, 6, 7, 17, 18, 15, 10,
11, 12, 7, 8, 9, 14, 22, 23, 18,
13, 14, 19

Задача 8.4. *Гильманов*

Булат

6, 7, 3, 8, 10, 8, 11, 13, 10,
11, 6, 7, 8, 13, 18, 17, 18, 21,
22, 23, 18, 19

Задача 8.5. *Егоров*

Всеволод

6, 11, 12, 16, 21, 16, 17, 17,
12, 7, 6, 1, 2, 3, 18, 13, 8, 3,
4, 9, 14, 19

Задача 8.6. *Журавлева*

Анастасия

6, 3, 10, 7, 12, 4, 3, 8, 13, 11,
16, 12, 17, 19, 16, 17, 22, 18,
23, 21, 22, 23

Задача 8.7. *Каменовский*

Денис

2, 7, 8, 9, 6, 7, 14, 17, 18, 15,
10, 11, 12, 7, 8, 9, 14, 19, 22,
23, 18, 19

Задача 8.8. *Ле Ань Дык*

2, 7, 4, 9, 10, 11, 8, 9, 14, 15,
16, 13, 13, 18, 24, 20, 15, 16,
17, 18, 23, 23

Задача 8.9. *Луканин*

Александр

6, 7, 8, 9, 10, 11, 12, 13, 14,
15, 16, 17, 18, 19, 20, 21, 22,
23, 24, 21, 22, 23

Задача 8.10. *Мхитарян*

Давид

2, 7, 10, 11, 15, 8, 9, 4, 3, 8,
7, 12, 11, 16, 16, 21, 21, 22,
17, 18, 18, 19

Задача 8.11. *Пронечкин*

Дмитрий

6, 2, 7, 9, 10, 11, 12, 15, 16,
20, 15, 16, 11, 12, 13, 23, 18,
13, 8, 9, 14, 19

Задача 8.12. *Семенов*

Дмитрий

2, 2, 7, 9, 6, 8, 13, 5, 6, 11,
12, 11, 16, 19, 20, 21, 22, 23,
24, 21, 22, 23

Задача 8.13. *Сергеев*

Константин

10, 1, 2, 7, 4, 3, 2, 7, 12, 10,
15, 17, 15, 16, 16, 17, 22, 17,
12, 13, 14, 19

Задача 8.14. *Ткач*

Вячеслав

6, 2, 7, 9, 10, 11, 12, 8, 13,
15, 16, 17, 14, 19, 16, 21, 22,
23, 24, 21, 22, 23

Задача 8.15. *Фадеева*

Вероника

6, 7, 4, 9, 10, 11, 8, 13, 14,
15, 12, 13, 13, 18, 16, 17, 18,
23, 24, 21, 22, 23

Задача 8.16. *Чернышев*

Егор

1, 6, 4, 9, 10, 6, 11, 13, 14,
11, 12, 13, 13, 18, 20, 17, 22,
18, 23, 21, 22, 23

Задача 8.17. *Чирана Хамид*

6, 7, 3, 8, 6, 7, 8, 13, 10, 11,
21, 16, 11, 12, 7, 8, 13, 18,
17, 18, 18, 19

Задача 8.18. *Шешуков*

Кирилл

1, 6, 4, 9, 10, 12, 7, 9, 8, 7, 6,
5, 10, 15, 22, 21, 20, 15, 16,
17, 18, 19