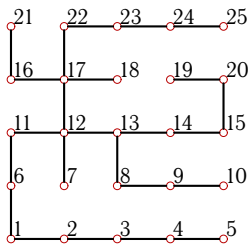


Центроид дерева (n=16)

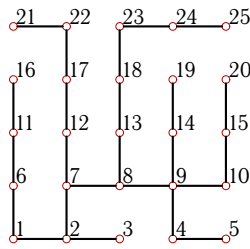
Найти радиус r и диаметр d графа. Записать десятичную кодировку дерева с корнем в вершине 7. Найти наименьший вес вершин дерева и его центроид.

Задача 22.1



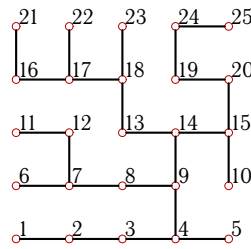
22.2

Задача 22.2



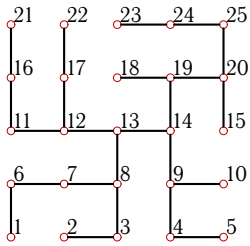
22.2

Задача 22.3



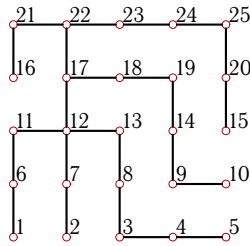
22.2

Задача 22.4



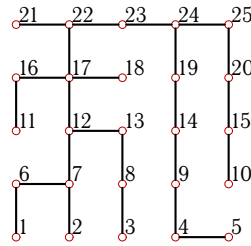
22.2

Задача 22.5



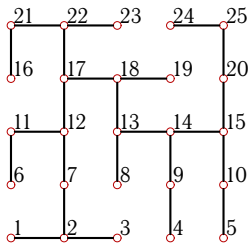
22.2

Задача 22.6



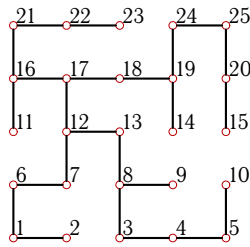
22.2

Задача 22.7



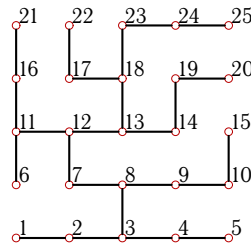
22.2

Задача 22.8



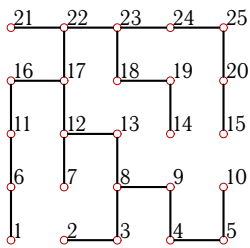
22.2

Задача 22.9



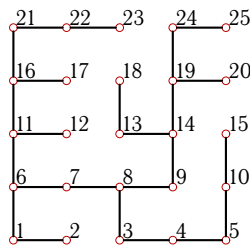
22.2

Задача 22.10



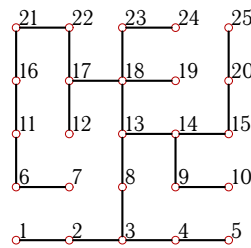
22.2

Задача 22.11



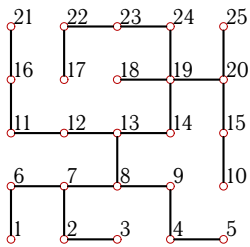
22.2

Задача 22.12



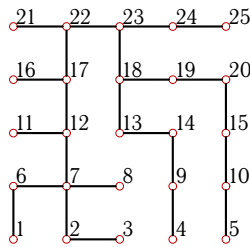
22.2

Задача 22.13



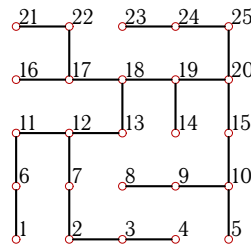
22.2

Задача 22.14



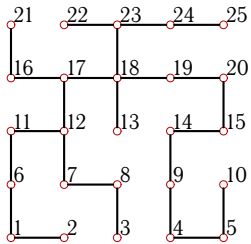
22.2

Задача 22.15



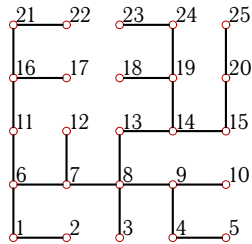
22.2

Задача 22.16



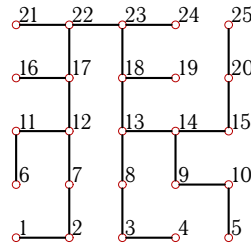
22.2

Задача 22.17



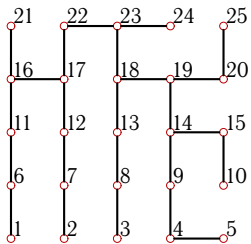
22.2

Задача 22.18



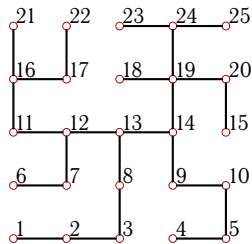
22.2

Задача 22.19



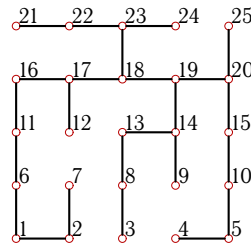
22.2

Задача 22.20



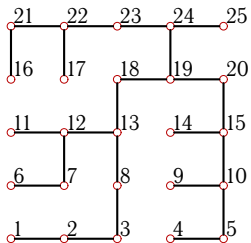
22.2

Задача 22.21



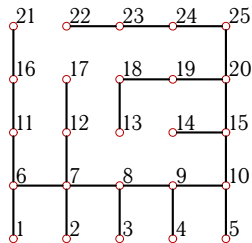
22.2

Задача 22.22



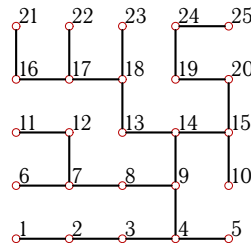
22.2

Задача 22.23



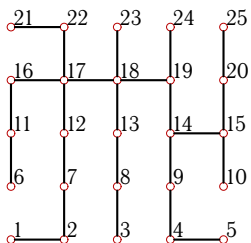
22.2

Задача 22.24



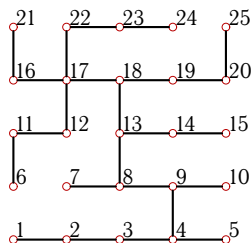
22.2

Задача 22.25



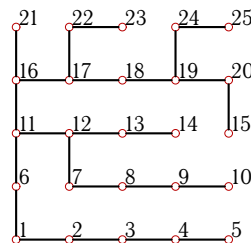
22.2

Задача 22.26



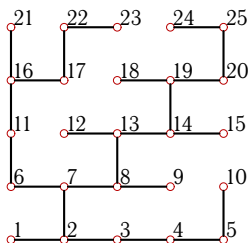
22.2

Задача 22.27



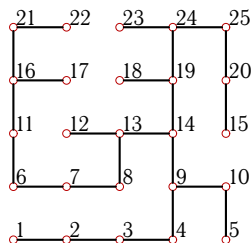
22.2

Задача 22.28



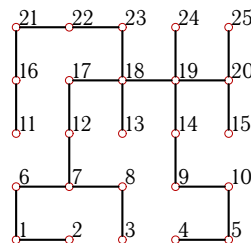
22.2

Задача 22.29



22.2

Задача 22.30



22.2

Центроид дерева (n=16)

	r	d	Центр	Код(10)	$min(\rho)$	центроид
1	6	12	11	280383581178816	8	12,
2	6	11	7, 8	273019138719984	11	8,
3	5	10	14	210092390019084	11	14,
4	5	10	14	227033645430528	12	13,
5	6	12	17	207241290686208	11	17,
6	6	12	23	197668051361280	12	22,
7	6	11	13, 18	232679437505424	12	18,
8	7	13	12, 17	250655489978112	12	17,
9	5	10	12	267302576470464	10	12,
10	7	13	12, 17	274742552006400	10	17,
11	6	12	7	253832831559360	11	8,
12	6	12	17	280361567000064	12	13,
13	5	10	14	225339501334272	11	13,
14	6	12	23	225085806330048	12	23,
15	6	12	18	250446819985152	11	18,
16	7	14	19	228179666536128	11	18,
17	6	11	7, 8	254403204291330	10	8,
18	6	12	23	226971723350304	12	18,
19	6	12	23	210092384422944	12	18,
20	5	10	13	209215438304064	12	13,
21	7	13	17, 18	280337070715392	12	18,
22	6	11	18, 19	202052326381632	10	19,
23	7	13	9, 10	201269531762700	12	9,
24	5	10	14	210092390019084	11	14,
25	5	10	18	228213609138480	10	18,
26	6	11	8, 13	277393944928704	12	18,
27	6	12	11	250671736303896	11	11,
28	7	13	7, 8	244159297805184	11	7,
29	7	13	8, 13	270544221091584	10	14,
30	6	12	18	249855296708352	10	18,