

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 11.1 2, 3, 3, 7, 9, 10, 7, 11, 11, 9, 10, 11, 15, 15 <small>11.2</small>	Задача 11.2 3, 5, 1, 2, 3, 7, 13, 14, 10, 11, 11, 7, 8, 12 <small>11.2</small>	Задача 11.3 2, 6, 4, 8, 9, 7, 8, 12, 10, 11, 12, 16, 14, 15 <small>11.2</small>
Задача 11.4 5, 6, 4, 8, 9, 8, 7, 13, 9, 5, 6, 7, 11, 15 <small>11.2</small>	Задача 11.5 2, 6, 4, 8, 9, 7, 11, 12, 13, 14, 14, 15, 11, 12 <small>11.2</small>	Задача 11.6 2, 4, 3, 9, 11, 13, 9, 5, 1, 2, 3, 7, 11, 15 <small>11.2</small>
Задача 11.7 2, 2, 6, 8, 6, 7, 7, 11, 13, 14, 11, 15, 14, 15 <small>11.2</small>	Задача 11.8 8, 5, 3, 2, 1, 5, 9, 12, 11, 9, 10, 10, 11, 15 <small>11.2</small>	Задача 11.9 1, 5, 3, 7, 9, 7, 11, 12, 10, 11, 12, 16, 14, 15 <small>11.2</small>
Задача 11.10 2, 3, 4, 8, 7, 6, 11, 13, 9, 5, 6, 7, 11, 15 <small>11.2</small>	Задача 11.11 2, 3, 6, 7, 9, 10, 14, 10, 6, 2, 3, 7, 8, 12 <small>11.2</small>	Задача 11.12 5, 6, 3, 7, 9, 7, 13, 9, 5, 6, 7, 8, 12, 16 <small>11.2</small>
Задача 11.13 1, 5, 5, 9, 4, 3, 7, 11, 16, 9, 10, 10, 11, 15 <small>11.2</small>	Задача 11.14 3, 2, 7, 9, 13, 9, 5, 1, 2, 3, 7, 11, 12, 16 <small>11.2</small>	Задача 11.15 5, 3, 7, 8, 6, 10, 11, 12, 13, 14, 15, 16, 14, 15 <small>11.2</small>
Задача 11.16 2, 3, 7, 8, 14, 12, 9, 5, 6, 7, 8, 12, 16, 15 <small>11.2</small>	Задача 11.17 2, 2, 6, 8, 6, 7, 7, 11, 10, 11, 12, 16, 14, 15 <small>11.2</small>	Задача 11.18 1, 5, 7, 8, 9, 6, 10, 12, 13, 14, 15, 16, 14, 15 <small>11.2</small>
Задача 11.19 5, 3, 4, 8, 5, 9, 8, 12, 9, 13, 15, 16, 14, 15 <small>11.2</small>	Задача 11.20 5, 3, 2, 6, 6, 7, 7, 11, 10, 14, 11, 15, 14, 15 <small>11.2</small>	Задача 11.21 5, 3, 2, 6, 6, 6, 10, 12, 10, 11, 14, 10, 11, 15 <small>11.2</small>
Задача 11.22 2, 6, 4, 8, 5, 6, 7, 14, 10, 11, 11, 7, 8, 12 <small>11.2</small>	Задача 11.23 2, 3, 4, 8, 6, 7, 6, 10, 10, 14, 14, 10, 11, 12 <small>11.2</small>	Задача 11.24 5, 6, 3, 7, 7, 9, 11, 13, 9, 5, 6, 7, 11, 15 <small>11.2</small>
Задача 11.25 1, 5, 4, 8, 5, 9, 8, 12, 9, 10, 10, 11, 11, 12 <small>11.2</small>	Задача 11.26 3, 2, 7, 9, 13, 9, 5, 1, 2, 3, 7, 11, 12, 16 <small>11.2</small>	Задача 11.27 2, 2, 6, 8, 6, 7, 7, 11, 13, 14, 11, 15, 14, 15 <small>11.2</small>
Задача 11.28 7, 4, 3, 5, 1, 2, 3, 7, 11, 14, 10, 11, 12, 16 <small>11.2</small>	Задача 11.29 2, 3, 2, 6, 6, 12, 8, 7, 6, 5, 9, 13, 14, 15 <small>11.2</small>	Задача 11.30 2, 6, 4, 8, 6, 10, 7, 11, 13, 14, 15, 16, 14, 15 <small>11.2</small>

Раскодировка Прюфера

	r	d	Центр	Кодировка(10)
1	4	7	7, 11	959369576
2	5	10	7	1041469316
3	5	9	8, 12	954713024
4	4	8	6	920140088
5	5	9	11, 15	955817408
6	5	10	2	1063295192
7	4	8	11	978115976
8	5	10	9	1056727616
9	5	10	11	855382976
10	5	10	7	1041490136
11	5	9	2, 3	997393634
12	5	9	6, 7	862815170
13	5	9	10, 11	956076656
14	6	11	2, 3	1063293680
15	5	9	14, 15	871916480
16	5	10	8	955308992
17	5	9	11, 12	978118592
18	5	10	14	804286208
19	6	11	15, 16	1014753536
20	5	9	7, 11	1013112392
21	4	7	6, 10	1013376560
22	4	7	7, 11	965632964
23	5	10	7	920863712
24	4	8	6	862814936
25	5	9	10, 11	972853832
26	6	11	2, 3	1063293680
27	4	8	11	978115976
28	5	9	3, 7	1041808496
29	5	10	5	991920440
30	5	10	15	956188208