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1 D:\Homework\AlFundamental\MST\cmake-build-debug\MST.exe
2 Problem 1: Index[0] ,Edges:[1] 47 [2] 49 [2] 50 [5] 64 [7] 34 [7] 77 [9] 23
3 Index[1] ,Edges:[0] 47 [9] 37 [6] 34 [7] 6 [4] 35 [5] 26 [6] 63
4 Index[2] ,Edges:[0] 49 [0] 50 [6] 98 [8] 28 [8] 74 [3] 56 [9] 27
5 Index[3] ,Edges:[7] 57 [2] 56 [9] 64 [6] 33 [8] 94
6 Index[4] ,Edges:[8] 54 [1] 35 [7] 31
7 Index[5] ,Edges:[1] 26 [0] 64 [7] 5 [6] 88 [9] 12
8 Index[6] ,Edges:[1] 34 [2] 98 [1] 63 [3] 33 [5] 88
9 Index[7] ,Edges:[1] 6 [3] 57 [4] 31 [5] 5 [0] 34 [0] 77 [9] 78 [8] 2 [8] 39
10 Index[8] ,Edges:[2] 28 [2] 74 [4] 54 [7] 2 [3] 94 [7] 39
11 Index[9] ,Edges:[1] 37 [3] 64 [7] 78 [0] 23 [5] 12 [2] 27
12 Answer: 9 0 2 3 6 1 5 7 8 4
13 Cost: 442
14 -----
15
16 Problem 2: Index[0] ,Edges:[9] 86 [8] 54 [7] 66 [2] 85 [5] 85 [5] 99 [7] 63 [9] 99
17 Index[1] ,Edges:[4] 81 [3] 90 [7] 63 [3] 82 [5] 76 [8] 36
18 Index[2] ,Edges:[9] 26 [0] 85 [4] 78 [7] 82
19 Index[3] ,Edges:[1] 90 [7] 79 [1] 82 [9] 29 [8] 39 [8] 79
20 Index[4] ,Edges:[1] 81 [2] 78 [7] 69 [8] 35 [6] 9 [9] 91
21 Index[5] ,Edges:[0] 85 [1] 76 [0] 99 [6] 83
22 Index[6] ,Edges:[4] 9 [5] 83 [7] 98 [7] 21
23 Index[7] ,Edges:[0] 66 [1] 63 [3] 79 [4] 69 [6] 98 [6] 21 [0] 63 [8] 71 [2] 82 [9] 74
24 Index[8] ,Edges:[0] 54 [4] 35 [7] 71 [3] 39 [1] 36 [3] 79
25 Index[9] ,Edges:[0] 86 [2] 26 [3] 29 [0] 99 [7] 74 [4] 91
26 Answer: 4 6 7 1 8 3 9 2 0 5
27 Cost: 705
28 -----
29
30 Problem 3: Index[0] ,Edges:[7] 59 [4] 3 [2] 71 [4] 64
31 Index[1] ,Edges:[8] 79 [6] 90 [3] 39 [2] 71 [4] 52 [8] 40
32 Index[2] ,Edges:[0] 71 [5] 51 [1] 71 [8] 43 [3] 79 [5] 15 [6] 45
33 Index[3] ,Edges:[1] 39 [4] 44 [2] 79 [6] 64
34 Index[4] ,Edges:[0] 3 [3] 44 [1] 52 [7] 36 [0] 64 [5] 90 [6] 79 [7] 16
35 Index[5] ,Edges:[2] 51 [2] 15 [8] 86 [4] 90 [7] 83 [8] 77
36 Index[6] ,Edges:[1] 90 [3] 64 [9] 27 [4] 79 [2] 45 [8] 43 [9] 66
37 Index[7] ,Edges:[0] 59 [4] 36 [5] 83 [8] 72 [4] 16
38 Index[8] ,Edges:[1] 79 [2] 43 [5] 86 [7] 72 [1] 40 [6] 43 [5] 77 [9] 32 [9] 7
39 Index[9] ,Edges:[6] 27 [8] 32 [6] 66 [8] 7
40 Answer: 7 0 4 3 1 8 9 6 2 5
41 Cost: 513
42 -----
43
44 Problem 4: Index[0] ,Edges:[5] 66 [8] 58 [7] 72 [2] 92 [5] 76 [8] 34
45 Index[1] ,Edges:[2] 92 [5] 98 [6] 93 [4] 36 [5] 88 [9] 65
46 Index[2] ,Edges:[1] 92 [0] 92 [7] 52 [5] 6 [4] 26
47 Index[3] ,Edges:[7] 78 [4] 83 [5] 24 [4] 62 [8] 51 [8] 83 [9] 18
48 Index[4] ,Edges:[3] 83 [1] 36 [2] 26 [3] 62 [6] 66 [6] 28 [9] 47
49 Index[5] ,Edges:[0] 66 [1] 98 [2] 6 [3] 24 [1] 88 [0] 76 [9] 15 [7] 45
50 Index[6] ,Edges:[1] 93 [4] 66 [4] 28 [8] 87
51 Index[7] ,Edges:[0] 72 [2] 52 [3] 78 [8] 40 [5] 45 [9] 54
52 Index[8] ,Edges:[0] 58 [6] 87 [7] 40 [3] 51 [3] 83 [0] 34
53 Index[9] ,Edges:[5] 15 [7] 54 [3] 18 [4] 47 [1] 65

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54 Answer: 0 8 7 9 3 5 2 4 6 1
55 Cost: 571
56 -----
57
58 Problem 5: Index[0] ,Edges:[4] 48 [3] 62 [3] 81 [6] 83 [7] 74 [9] 52
59 Index[1] ,Edges:[4] 55 [9] 84 [6] 33 [4] 54 [9] 56 [9] 47
60 Index[2] ,Edges:[7] 59 [4] 3 [4] 57 [5] 9 [6] 97 [8] 92
61 Index[3] ,Edges:[0] 62 [0] 81 [8] 7 [8] 99 [4] 7 [4] 90
62 Index[4] ,Edges:[0] 48 [1] 55 [2] 3 [2] 57 [3] 7 [3] 90 [5] 5 [1] 54 [8] 51
63 Index[5] ,Edges:[4] 5 [9] 7 [2] 9 [7] 82 [6] 34
64 Index[6] ,Edges:[1] 33 [2] 97 [0] 83 [5] 34 [7] 15
65 Index[7] ,Edges:[2] 59 [5] 82 [6] 15 [0] 74 [8] 8
66 Index[8] ,Edges:[3] 7 [3] 99 [7] 8 [2] 92 [9] 65 [4] 51
67 Index[9] ,Edges:[1] 84 [5] 7 [8] 65 [1] 56 [1] 47 [0] 52
68 Answer: 7 8 3 4 2 5 9 1 6 0
69 Cost: 323
70 -----
71
72 Problem 6: Index[0] ,Edges:[9] 35 [4] 30 [8] 69 [6] 19 [8] 81
73 Index[1] ,Edges:[7] 9 [8] 97 [5] 8 [3] 64
74 Index[2] ,Edges:[6] 43 [8] 72 [5] 54 [4] 64 [5] 40 [7] 67 [7] 15 [8] 47
75 Index[3] ,Edges:[6] 69 [1] 64 [8] 12 [4] 98 [6] 82 [8] 53
76 Index[4] ,Edges:[0] 30 [2] 64 [3] 98 [9] 83
77 Index[5] ,Edges:[1] 8 [2] 54 [6] 31 [9] 64 [2] 40
78 Index[6] ,Edges:[2] 43 [3] 69 [5] 31 [3] 82 [0] 19 [7] 45 [7] 68
79 Index[7] ,Edges:[1] 9 [6] 45 [2] 67 [6] 68 [2] 15 [9] 86
80 Index[8] ,Edges:[0] 69 [1] 97 [2] 72 [3] 12 [0] 81 [2] 47 [3] 53 [9] 15 [9] 92
81 Index[9] ,Edges:[0] 35 [4] 83 [5] 64 [8] 15 [7] 86 [8] 92
82 Answer: 5 1 7 2 6 0 9 8 3 4
83 Cost: 428
84 -----
85
86 Problem 7: Index[0] ,Edges:[6] 25 [5] 26 [5] 6 [3] 18
87 Index[1] ,Edges:[8] 44 [4] 53 [7] 61 [5] 21
88 Index[2] ,Edges:[5] 64 [6] 92 [3] 67 [7] 95 [8] 73 [9] 38
89 Index[3] ,Edges:[2] 67 [9] 19 [8] 53 [0] 18 [6] 57 [7] 100 [8] 50 [9] 61
90 Index[4] ,Edges:[1] 53 [5] 16 [8] 59 [8] 80 [5] 7
91 Index[5] ,Edges:[0] 26 [0] 6 [2] 64 [4] 16 [6] 99 [1] 21 [4] 7 [6] 54 [8] 37 [9] 44
92 Index[6] ,Edges:[0] 25 [2] 92 [5] 99 [8] 96 [3] 57 [5] 54 [7] 1
93 Index[7] ,Edges:[1] 61 [2] 95 [3] 100 [6] 1
94 Index[8] ,Edges:[1] 44 [3] 53 [4] 59 [4] 80 [6] 96 [3] 50 [2] 73 [5] 37
95 Index[9] ,Edges:[3] 19 [2] 38 [5] 44 [3] 61
96 Answer: 2 9 3 0 6 7 1 5 4 8
97 Cost: 409
98 -----
99
100 Problem 8: Index[0] ,Edges:[5] 29 [5] 10 [1] 87 [1] 80 [2] 70 [3] 85 [5] 17 [5] 72 [8]
    13
101 Index[1] ,Edges:[0] 87 [9] 2 [0] 80 [5] 12 [2] 76 [8] 41
102 Index[2] ,Edges:[0] 70 [1] 76 [6] 85 [4] 71 [7] 31 [9] 6
103 Index[3] ,Edges:[0] 85 [7] 82 [9] 79
104 Index[4] ,Edges:[6] 46 [2] 71 [5] 63 [6] 44
105 Index[5] ,Edges:[0] 29 [0] 10 [1] 12 [4] 63 [0] 17 [0] 72 [7] 57 [9] 43 [9] 14

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106 Index[6],Edges:[2] 85 [4] 46 [8] 69 [7] 77 [4] 44
107 Index[7],Edges:[3] 82 [5] 57 [6] 77 [9] 10 [2] 31 [8] 37 [8] 45
108 Index[8],Edges:[6] 69 [7] 37 [7] 45 [0] 13 [1] 41
109 Index[9],Edges:[1] 2 [3] 79 [7] 10 [5] 43 [2] 6 [5] 14
110 Answer: 8 0 5 1 9 2 4 6 7 3
111 Cost: 438
112 -----
113
114 Problem 9: Index[0],Edges:[9] 9 [3] 80 [6] 11 [6] 66
115 Index[1],Edges:[2] 6 [8] 68 [5] 48 [3] 37 [4] 83 [4] 67
116 Index[2],Edges:[1] 6 [3] 84 [7] 51 [3] 26 [3] 27 [3] 1 [4] 15 [8] 33
117 Index[3],Edges:[0] 80 [2] 84 [2] 26 [1] 37 [2] 27 [2] 1 [5] 46 [7] 35 [8] 38 [9] 43 [9
] 32
118 Index[4],Edges:[1] 83 [2] 15 [1] 67 [6] 6 [7] 91 [8] 21
119 Index[5],Edges:[1] 48 [7] 19 [3] 46 [7] 14 [6] 14
120 Index[6],Edges:[0] 11 [4] 6 [0] 66 [5] 14 [7] 87
121 Index[7],Edges:[2] 51 [5] 19 [5] 14 [6] 87 [4] 91 [3] 35
122 Index[8],Edges:[1] 68 [3] 38 [2] 33 [4] 21 [9] 17
123 Index[9],Edges:[0] 9 [8] 17 [3] 43 [3] 32
124 Answer: 9 0 6 5 7 3 2 4 8 1
125 Cost: 281
126 -----
127
128 Problem 10: Index[0],Edges:[2] 74 [4] 41 [5] 58 [1] 20 [3] 21 [6] 34 [7] 9 [7] 97
129 Index[1],Edges:[2] 85 [2] 12 [0] 20 [4] 33
130 Index[2],Edges:[0] 74 [1] 85 [1] 12 [6] 27 [6] 59 [4] 91 [3] 84 [4] 76 [5] 14 [8] 53 [
8] 85
131 Index[3],Edges:[0] 21 [2] 84 [8] 77 [5] 93
132 Index[4],Edges:[0] 41 [2] 91 [2] 76 [1] 33 [7] 88 [6] 38 [7] 28
133 Index[5],Edges:[0] 58 [3] 93 [9] 78 [2] 14 [6] 18 [9] 46
134 Index[6],Edges:[2] 27 [2] 59 [0] 34 [5] 18 [4] 38
135 Index[7],Edges:[4] 88 [4] 28 [0] 9 [0] 97 [8] 57 [9] 74 [9] 36
136 Index[8],Edges:[3] 77 [2] 53 [7] 57 [2] 85
137 Index[9],Edges:[5] 78 [5] 46 [7] 74 [7] 36
138 Answer: 4 1 2 6 5 9 7 0 3 8
139 Cost: 468
140 -----
141
142
143 进程已结束, 退出代码为 0
144

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