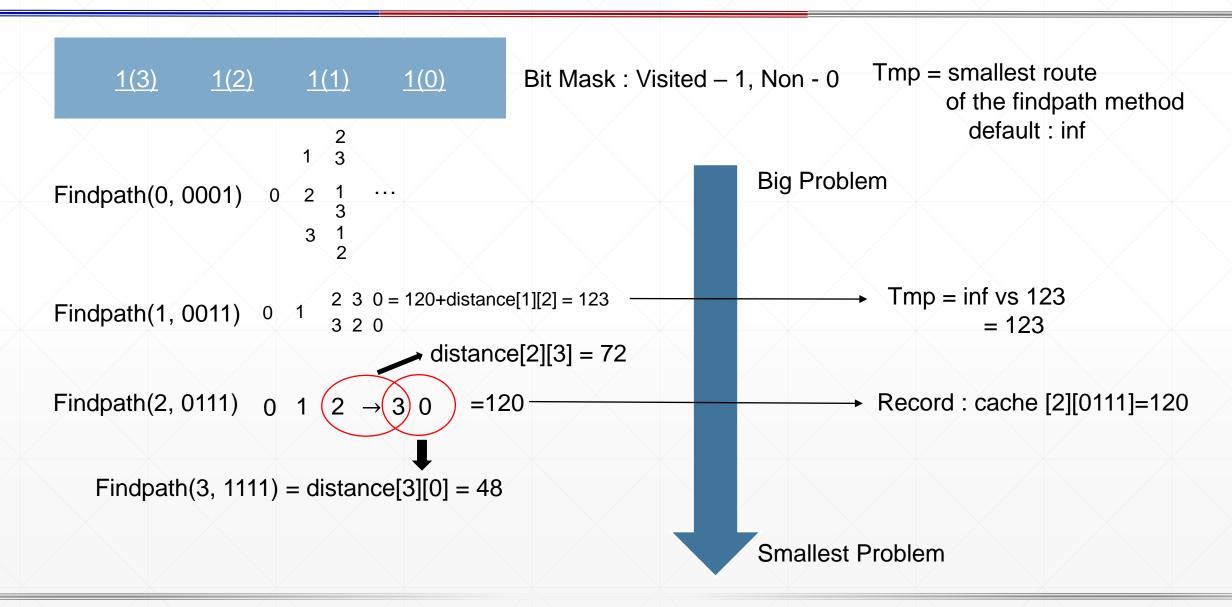


Problem 4 Feedback

HongSumin

Agenda

- ■TSP Dynamic Programming
- Q&A



1(3) 1(2) 1(1) Bit Mask: Visited – 1, Non - 0

distance[3][2] = 74

1(0)

Findpath(3, 1011) 0 1
$$3 \rightarrow 20 = 79$$

Findpath(2, 1111) = distance[2][0] = 5

Findpath(1, 0011) 0 1
$$\begin{pmatrix} 2 & 3 & 0 = 120 + \text{distance}[1][2] = 123 \\ 3 & 2 & 0 = 79 + \text{distance}[1][2] = 127 \end{pmatrix}$$

Findpath(2, 0101) 0 2 130 ... 310

→ Record : cache [3][1011]=79

Tmp = 123 vs 127

= 123

Record : cache [1][0011]=123

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