H29 解答速報

1

(1)

0	2	5	255
0	2	3	3

(2) $O(n^2)$

(3) (ア) prev[j] = i;

(イ) printpath(s);

(4-1) ${}_4C_2 + 4 = 6 + 4 = 10$

(4-2) $n^2 = 16$

2

(2-1)

	0	00000 00000	1023	11111 11111
~~(ア)~~	-511	~~10000 00000~~ 11111 11111	511	00000 00000
(イ)	-511	10000 00000	511	01111 11111
	-512	10000 00000	511	01111 11111

(1-1-2)

1000 1101 00
1111 0010 11
1111 0011 00

(1-1-3) 691, -179, -332, -333

(1-2-1) $S_i = \bar{a_i} \bar{b_i} c_i + \bar{a_i} b_i \bar{c_i} + a_i \bar{b_i} \bar{c_i} + a_i b_i c_i$

$C_{i+1} = a_i b_i + b_i c_i + c_i a_i$

(1-2-2)

$C_3 = c_0 p_0 p_1 p_2 + g_0 p_1 p_2 + g_1 p_2 + g_2$

(1-2-3) 18 $a_0 \rightarrow \cdots \rightarrow S_3$ (←なんでも)

14 ～～～～ → S_3