

解 答

2025	科目名	情報基礎（計算機システム）
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問題 1

(1) 26

(2) -128 $\sim$ 127

(3) 13

(4) 指数部：001 仮数部：1101

誤差の絶対値：0.025

(5) 丸め誤差

(6)

入力			出力
a	b	c	x
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

問題 2

(1)

0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
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(2)

1	0	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0
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(3) (c) 即値アドレッシング

(4) b, d, c, a

(5) 0x10010008

(6) addi \$s0, \$s0, -1

(7) 5 回

(8) 96

(9) 説明
 n×(2 の m 乗)を求めるプログラム