# include (stolio.h>

# M. x B. & C. oxp ink main () } int M- Ox HAFFAFF; # 55 锅让从生 int nC=0x05 int nC=0xababcdff; 井川谷湖門 井到057号. int ap = 0x00abcdeti printf (" A = %d\n", !~ x A ); printf ("B. = %d (n", 1xB); printf ("C = %d \n", !~ (~C |~0xff)); printf ("D. = % In", !((x0 >> (3 << 3)) & 0 x (#)); = -x-y-1 = -(x+y)-1

2.16 # include stdio. 47

> THE motin() 4 ùt A=3 j #不放电 地对片 printf ("%d %d\n", 7\*5, (\* 5 )+7); printf (" %d "6d \n", 1x 9, (2653) +x);

printf ("%d %d \n", xx30, (xxx5) - (xxx1)); printf ( "%) %d \n", n\*(-56), (xxx) -(xxx6));

dindude < tdio. 4>

int main () 1

THE N-+, M=3 ; # 112 ME UZZ 7/3.

int A = (-1 << n);

int B = (~ (-1 << n)) << m ;

printf ("A. = 1 x \n", A);

printf("B. = % x \n", B) 3

281

A. 87 INT\_MIN = -232-1 2/ M - 4 는 2 32-1 이 되어 되지면 병생을 넣어

-227 of Elet. 224M END Alse of \$1480.

(x=0, y=-232-1)

(B) (x205) + (4005) + 4-1

= 31x+334

(c) ~x+1+~y+1-1

= ~ (n+7)+1 -1 = ~ (n+4)

(b)  $y=2^{31}-1$  ->  $ux=2^{31}-1$  (int) (ux-uy)=-1

y-x=-22+1 =-1

(E) ((x>1) << 1) = x-0 or x-1

5 x

2.83

return (1. 5x ld ! sy ld ux = ug ) | (5x kd !sy) 11

> (Sr ldsy ll unzug) 1 (un «) == 0 Rå uy « 1==0) ;

(:32 x>0 \$20, x≤y / x20, 370, x≤y)

372 XXO, 220 / 250, 420)

373 × 10, y≤0, x≥y/ x≤0, y<0, x≥y)

至7年 キョの、サニの

	The state of the s				
	(284)				
	V= (-1) 5 × M × 2 E				
	(E=Exp-bias) $(bias=2,k-1-1)$				
	2				
-	(A.) 5,0 = Objot. Om				
Spirit Basellette	V=1 M=061.01 f=060.01 ==2				
Continue Marie Columnia	0 18 110 1 0100011				
	(b) M=061,100				
	f=06, 111.00)				
	E= N				
	V= 0611 1 = 2n+1-1				
	0 bias+4 (11				
	(C.) M= 061.0111				
	f = 060.0 m E = 1-bias				
	$V = 2^{1-6ias} \rightarrow (44) 2^{6ias-1}$				
	t = 070.0				
	$t = bas - 1 + Exp = bas + B$ $= 2^k - 3$				
	6 11 101 0				
	2.85 Lins = 2k-1 = 2k-1				
	Value desimal				
	D 0 0 D01 2 (-biax-63				
	1-bias				
	000100 14+1 63				
	Lins c -127				
	0 1 10 1 1 2 (2-20)				

1 281	A	В	
DX	Value	pre	Value.
1.61110 601	-4	10110 0010	-78
0 10110101	24.13=208	0 1110 /010	24.13
1.00111 110	-1.2-10	1 0000 0111	-7.270
6 00000 101	5.2-11	8 0000 000/	1.240
111011 000	-212	1 1110 1111	-31.23
0 1/00 100	3-28	0 /11/ 0000	+ 4

2.88

A. False x=INT\_MAX

B. False A=1 y=INT\_MAX

C. True 1 = per de

1), False dr=1e/50 dy=1e/60 dz=1e-100

E. False dr. =0 dy=0