

Yahia Hany Gaber

23/000412

W

0X00000076

fun1(w)

0 0 0 0 0 0 7 6

<<24 7 6 0 0 0 0 0 0

>>24 0 0 0 0 0 0 7 6

fun2(w) 7 → 0111

0 0 0 0 0 0 7 6

<<24 7 6 0 0 0 0 0 0

>>24 0 0 0 0 0 0 7 6

W

0X87654321

fun1(w)

8 7 6 5 4 3 2 1

<<24 2 1 0 0 0 0 0 0

>>24 0 0 0 0 0 0 2 1

fun2(w)

8 7 6 5 4 3 2 1

<<24 2 1 0 0 0 0 0 0

>>24 0 0 0 0 0 0 2 1

W = 0X000000C9

fun1(w)

0 0 0 0 0 0 C 9

<<24 C 9 0 0 0 0 0 0

>>24 0 0 0 0 0 0 C 9

fun2(w) C → 12 → 1100

0 0 0 0 0 0 C 9

<<24 C 9 0 0 0 0 0 0

>>24 f f f f f f C 9

w

0X EDCBA987

fun1(w)

E	D	C	B	A	9	8	7
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<< 24	8	7	0	0	0	0	0	0
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>> 24	0	0	0	0	0	0	8	7
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fun2(w)

E	D	C	B	A	9	8	7
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<< 24	8	7	0	0	0	0	0	0
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>> 24	f	f	f	f	f	f	87	
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