BINARY ExpoNENTZATZON: ZZERAZZVE MEZYOD

NOZE: This approach is faster than the recurricle

are, so, we should follow this analy.

	Page No
	3 - 13
	Suppose a= 3 and
	So, What we have to do is to write
	So, What we have so 2 and be in the powers of 2 and which
-10	radinary
	eg: 2 sur 2 sur ) mass mass mil
	(1101)2
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	$\longrightarrow$ 3° x 5' x 5 X
	313
	LL BINEXPIZER ( INT A THIT B)
	Contract of the Contract of th
	LL ANS = 1;
1	Myre (B)
·	3F (B 4 1)    check por get bit
	<u> </u>
	ANS = ANS * A;
	O = 0 * A:
	B >>= 1;    Right shifting B
	RETURN ANS;
and my	Z many many many many many many many many
	with the state of the contract in the state of the
-	-> 150, what is happening here:

			ge No.
313 -> 31101	11 13 in	brigary	DRY RUN
3 mitially -> 13 B 1101	3 A 3 <sup>2</sup> 3 <sup>4</sup> 3 <sup>8</sup>	ANS 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	-> Bet lit -> Ungst lit -> Bet lit -> Bet lit
3t15 Pine Comple	xity is	Olog ( E	3)

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