

Converting 19 to binary:

19 is odd	→ B =	1,	D = Math.floor(19/2) = 9
9 is odd	→ B =	11,	D = Math.floor(9/2) = 4
4 is even	→ B =	011,	D = Math.floor(4/2) = 2
2 is even	→ B =	0011,	D = Math.floor(2/2) = 1
1 is odd	→ B =	<u>10011</u> ,	D = Math.floor(1/2) = 0

Converting 116 to binary:

116 is even	→ B =	0,	D = Math.floor(116/2) = 58
58 is even	→ B =	00,	D = Math.floor(58/2) = 29
29 is odd	→ B =	100,	D = Math.floor(29/2) = 14
14 is even	→ B =	0100,	D = Math.floor(14/2) = 7
7 is odd	→ B =	10100,	D = Math.floor(7/2) = 3
3 is odd	→ B =	110100,	D = Math.floor(3/2) = 1
1 is odd	→ B =	<u>1110100</u> ,	D = Math.floor(1/2) = 0