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Denmark

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DK0 VAT Number is called Momsregistreringsnummer or CVR nummer.

CVR format:	[C1 C2 C3 C4 C5 C6 C7 C8]	Where C1 to C8 are digits.
Range:	C1...C8	Numbers.
Rules:	C1	> 0
	Validation of the number	$R = (2 \cdot C1 + 7 \cdot C2 + 6 \cdot C3 + 5 \cdot C4 + 4 \cdot C5 + 3 \cdot C6 + 2 \cdot C7 + C8)$ R is divisible by 11 then the number is correct
Sample:	88146328	$R = (2 \cdot 8 + 7 \cdot 8 + 6 \cdot 1 + 5 \cdot 4 + 4 \cdot 6 + 3 \cdot 3 + 2 \cdot 2 + 8)$ $R = (16 + 56 + 6 + 20 + 24 + 9 + 4 + 8) = 143$ 143 is divisible by 11 to get 13
CVR details:	https://www.oecd.org/tax/automatic-exchange/crs-implementation-and-assistance/tax-identification-numbers/Denmark-TIN.pdf	

DK2 Tax Number is called CPR.

CPR format:	[C1 C2 C3 C4 C5 C6 C7 C8 C9 C10]	Where C1 to C10 are digits.
Range:	C1...C10	Numbers.
Rules:	C1 C2	Day of birth.
	C3 C4	Month of birth.
	C5 C6	Two last digits of the year of birth.
	C7 C8 C9 C10	Sequence number. The first digit of the sequence number encodes the century of birth, and the last digit of the sequence number is odd for males and even for females.
	Validation	Check digit for the entire personal identification number. In this case, the number satisfies the equation $4 \cdot C1 + 3 \cdot C2 + 2 \cdot C3 + 7 \cdot C4 + 6 \cdot C5 + 5 \cdot C6 + 4 \cdot C7 + 3 \cdot C8 + 2 \cdot C9 + C10 \equiv 0 \pmod{11}$.
Sample:	0101801234	$(4 \cdot 0 + 3 \cdot 1 + 2 \cdot 0 + 7 \cdot 1 + 6 \cdot 8 + 5 \cdot 0 + 4 \cdot 1 + 3 \cdot 2 + 2 \cdot 3 + 4) \text{ MOD } 11 = 0$
CPR details:	https://www.oecd.org/tax/automatic-exchange/crs-implementation-and-assistance/tax-identification-numbers/Denmark-TIN.pdf	

No labels