binary to bcd examle - Notepad

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BINARY TO BCD
Lets consider the binary number:11101
Convert it to decimal number:(1*2^4)+(1*2^3)+(1*2^2)+(0*2^1)+(1*2^0)=29
Now take 29 and write their respective binary equivalent which is
2=0010;9=1001
Now combine them you get the bcd number which is 00101001.
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DECIMAL TO ASCII
Lets take a decimal number 1
Now we need to add 30H in order to get the respective ascii number
So 1+30H =31H which is the ascii number for 1.
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Main logic
Lets consider the number 255. Now you need to split it in order to convert it. So divide it by 100 then
255/100, then Q1=2 and R1=55, then divide the reminder with 10 to split it
55/10, then Q2=5 and R2=5..... store these Q1,Q2,R2 in different variables, so that you can use them.

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