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//+-----+
//|                                     Script_1MinuteVariationOver5Candles.mq4 |
//|                                     M Wilson |
//|                                     https://www.algotrader.blog |
//+-----+
#property copyright "M Wilson"
#property link      "https://www.algotrader.blog"
#property version   "1.00"
#property strict
//+-----+
//| Script program start function |
//+-----+
void OnStart()
{

//This scans through the bars in the chart and for each set of 5 candles calculates the high
//The result is recorded as a percentage and then the highest value encountered reported at

    const int C_NoCandles=5;

    double dblMax=-1;

    for(int i=1;i<Bars-C_NoCandles;i++)
    {
        int intHighest=iHighest(Symbol(),0,MODE_HIGH,C_NoCandles,i);
        int intLowest=iLowest(Symbol(),0,MODE_HIGH,C_NoCandles,i);
        double dblHighest=iHigh(Symbol(),0,intHighest);
        double dblLowest=iLow(Symbol(),0,intLowest);
        double dblResult=(dblHighest-dblLowest)/dblLowest;

        if(dblResult>dblMax) dblMax=dblResult;
    }

    Print("Max Variation over "+IntegerToString(C_NoCandles)+"candles: "+DoubleToString(
dblMax));

}
//+-----+

```