```mql4
//+------------------------------------------------------------------+
//|                      Script_1MinuteVariationOver15Candles.mq4 |
//|                                                        M Wilson |
//|                                            https://www.mql5.com |
//+------------------------------------------------------------------+
#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 15 candles calculates the hig

//The result is recorded as a percentage and then the highest value encountered reported at

   const int C_NoCandles=15;

   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));

  }
//+------------------------------------------------------------------+
```