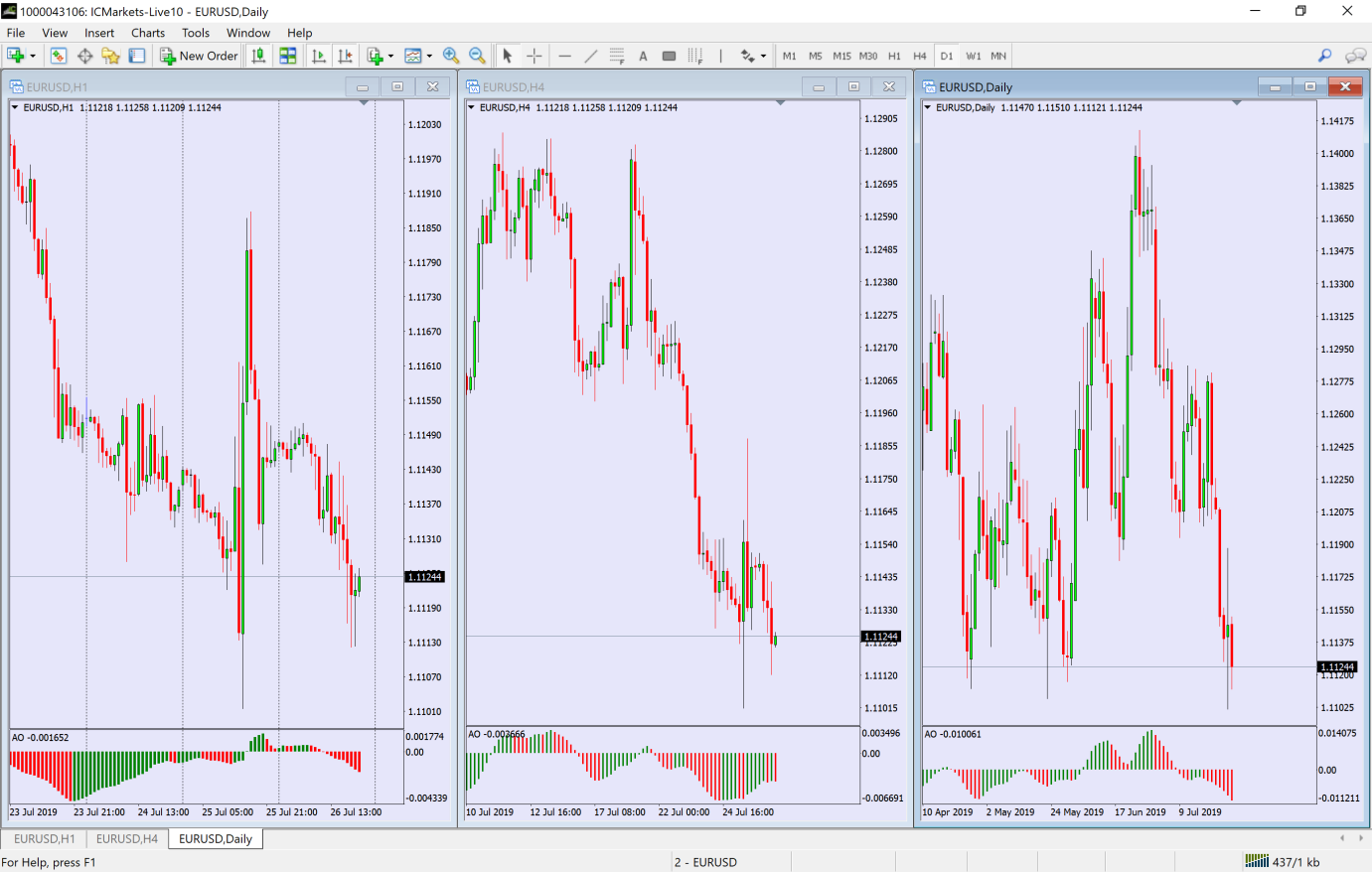
**Multi Time Frame**

Higher time frame (HTF)  
Main time frame (MTF)  
Lower time frame (LTF)  
  
Example:

|  |  |  |  |
| --- | --- | --- | --- |
| Time frame | Example 1 | Example 2 | Example 3 |
| HTF | D1 | H4 | W1 |
| MTF | H4 | H1 | D1 |
| LTF | H1 | M15 | H4 |

Chart arrangement



HTF

LTF

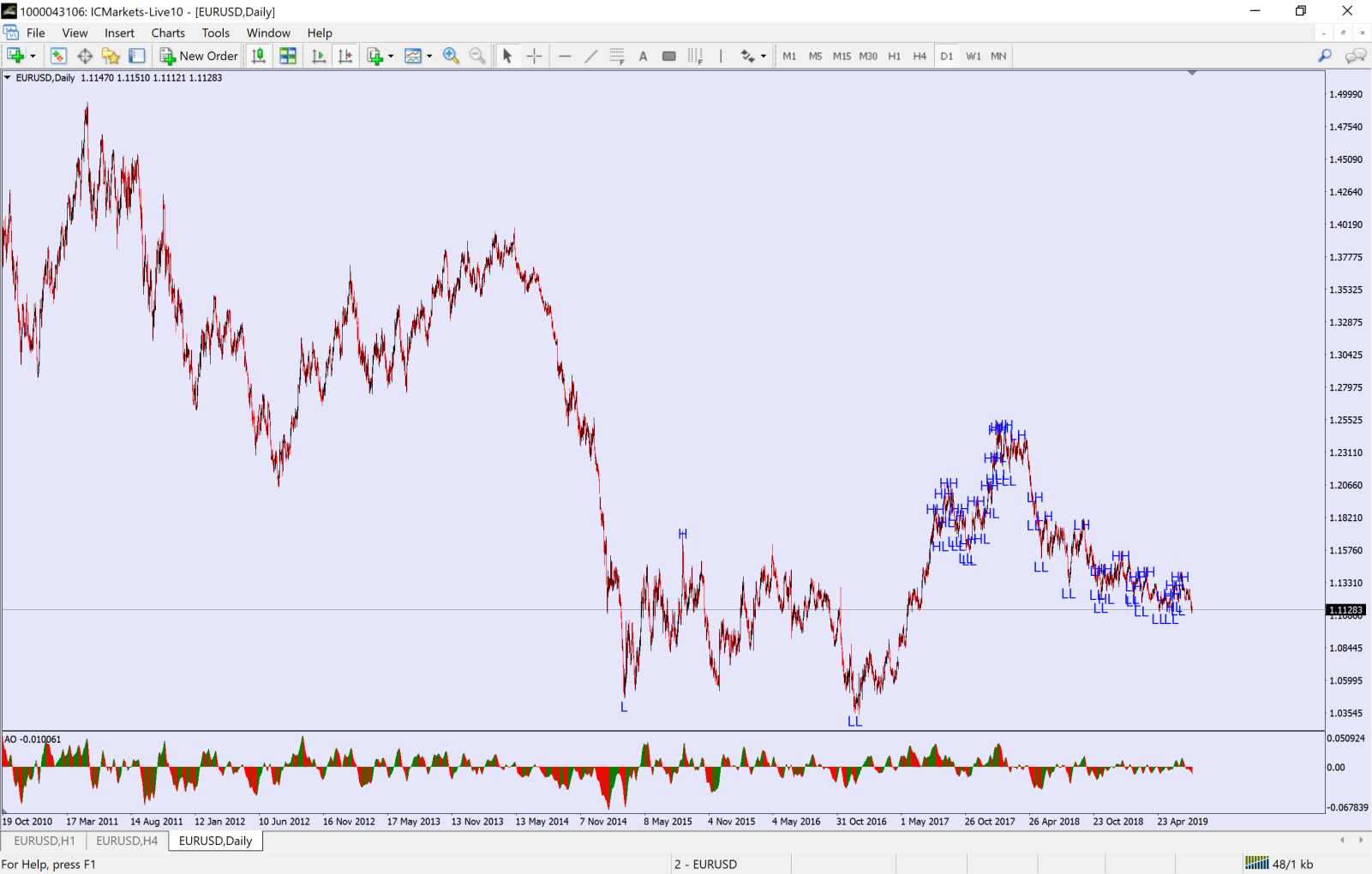
MTF

**Trend**

Determine trend for the 3 time frames. Its either uptrend or downtrend

Trend rules:  
High and low point happen when there is engulfing. The high and low should be marked at the close price.

It shall looks like this



Zoom out to the smallest and then find the nearest lowest closing price or highest closing price. In this case it’s the lowest. It will be marked as LL.  
Next find the previous lowest low and it will marked as L.  
The highest closing price in between the LL and L will be marked as H

Blow up  


Break previous high and form bearish engulf

Marking rules  
HH 🡪break previous high and form bearish engulfing  
HL 🡪bullish engulfing + break HH  
LL 🡪break previous low and form bullish engulfing  
LH 🡪bearish engulfing + break LL

  
UPTREND OR DOWNTREND shall be marked on each time frames

In this case price close below LL which means it’s a DOWNTREND

**DOWNTREND CONDITION**  
When close price of candle before the current candle:  
i) in between latest LL-LH or  
ii) in between latest LL-HH or  
iii) below latest LL or  
iv) below latest HL

**UPTREND CONDITION**  
When close price of candle before the current candle:  
i) in between latest HH-HL or  
ii) in between latest HH-LL or  
iii) above latest HH or  
iv) above latest LH

The marking continue until the current price and trend will be determine by the following rules.

After trend identification for the three timeframes, the result is as below  


**Choosing Time Frame to Trade**

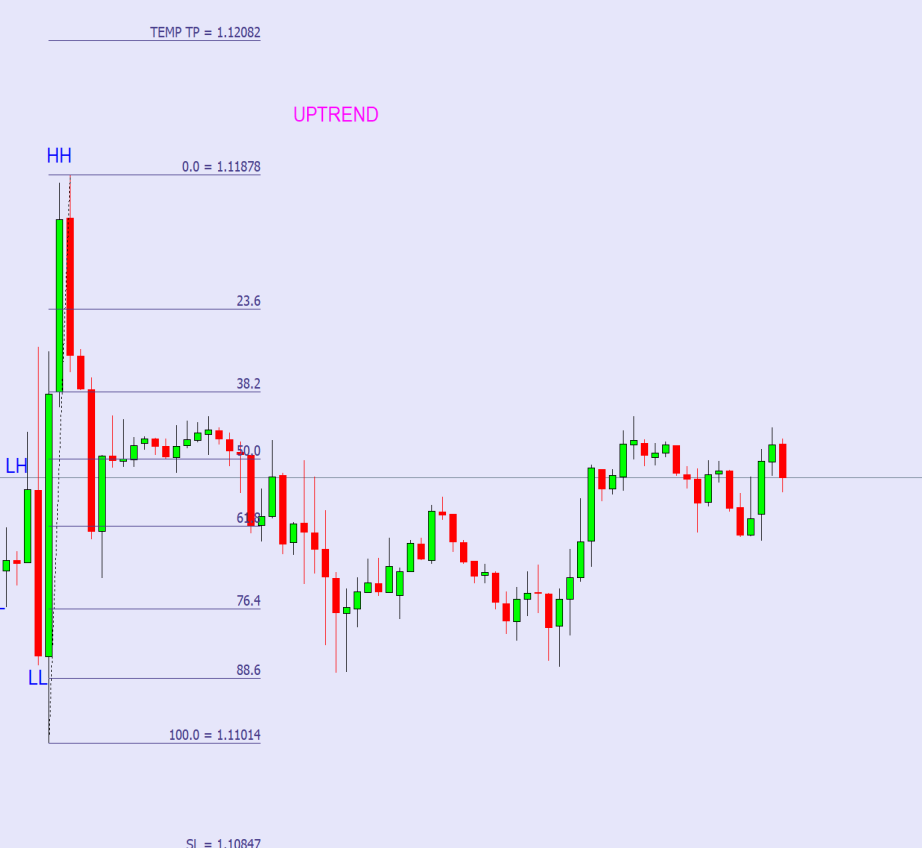
Checking from HTF to LTF  
When HTF align with MTF, trade will be at MTF.  
When HTF not align with MTF but MTF align with LTF, trade will be at LTF  
When all time frame not align, no trade will take place

**ENTRY TYPE**

1. Fibonacchi Retracement
2. Inside bar
3. ~~Head and shoulders~~
4. ~~Trendline and daily FR~~

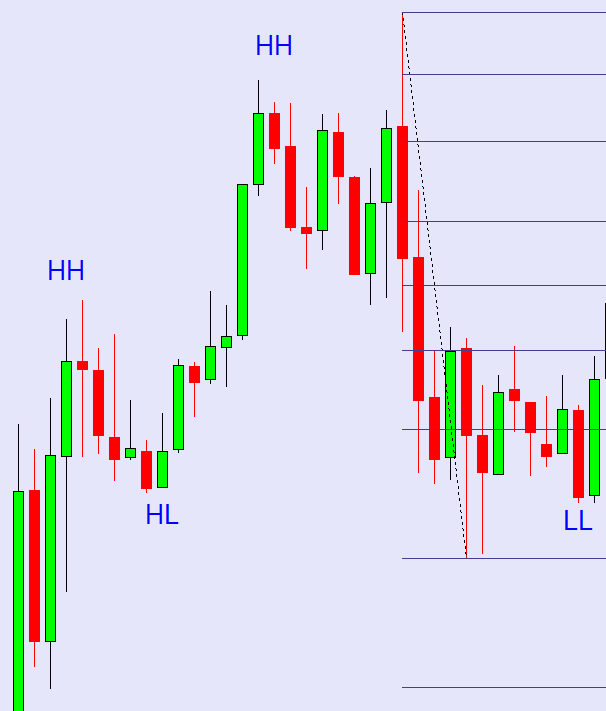
**Entry Type 1 : Fibonacchi Retracement**

|  |  |
| --- | --- |
| Level | Description |
| -0.236 | Temp. TP |
| 0 | 0 |
| 0.236 | 23.6 |
| 0.382 | 38.2 |
| 0.5 | 50.0 |
| 0.618 | 61.8 |
| 0.764 | 76.4 |
| 0.886 | 88.6 |
| 1.0 | 100.0 |
| 1.193 | SL |
| 1.618 | TP1 |
| 2.1 | TP2 |
|  | FR rules -100 always at left, 0 at right -Uptrend : shadow🡪wick -Downtrend: wick🡪shadow -selection of shadow and wick will be given later -in this sample, when the HH marking formed, FR is used. -pending order (PO) buy will be placed at 50, 61.8, 76.4 and 88.6 -when the price already passed the PO, instant order will be executed. -in this case, two instant order will be executed and the remaining two PO will be placed at 76.4 and 88.6 |

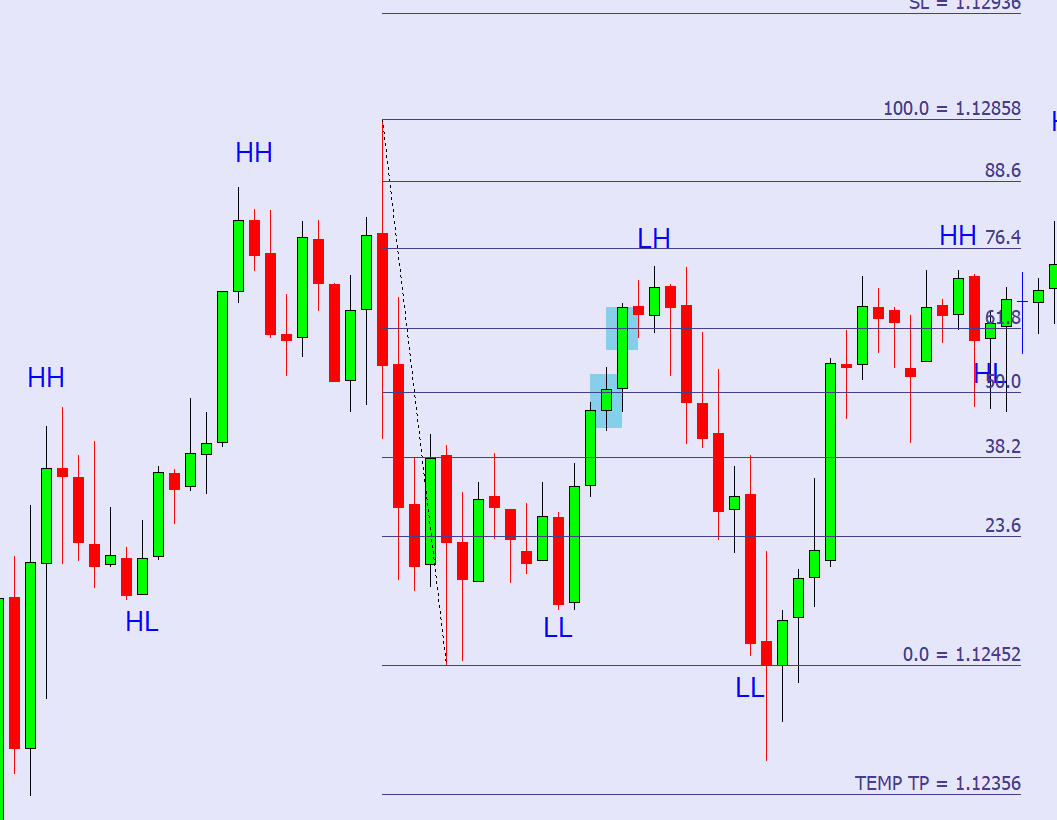


-stoploss (SL) will be placed at 119.3  
-temporary TP will be placed at -23.6

-if the price break 88.6, all positions will be closed  
-if trade is at MTF and have position running when the trend at HTF changed making it not align with MTF. All trade position will be close.  
-same goes if the trend at MTF changed making it not align with the running trade position at LTF. Positions will be closed  
-if shadow-wick price difference is less than 10 pips, no PO will be placed

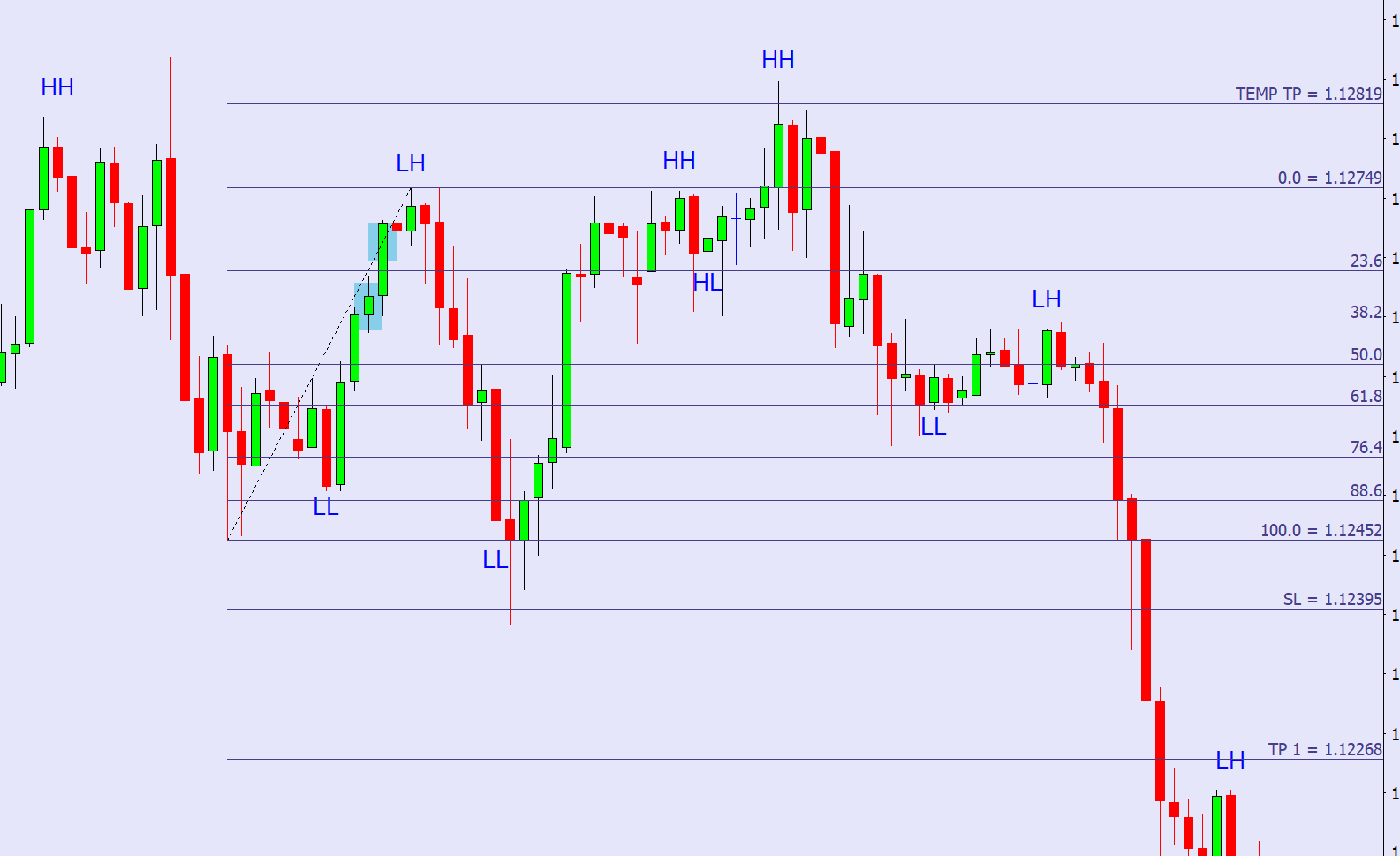


-Orange box is the range to pick highest wick and lowest shadow.  
-when LL formed, FR will be used. 100 point at the left and 0 at right  
-in this case 100 will be at the highest wick and 0 will be at the lowest shadow



-PO set at 50, 61.8, 76.4 and 88.6  
-SL at 119.3 and temp. TP at -23.6

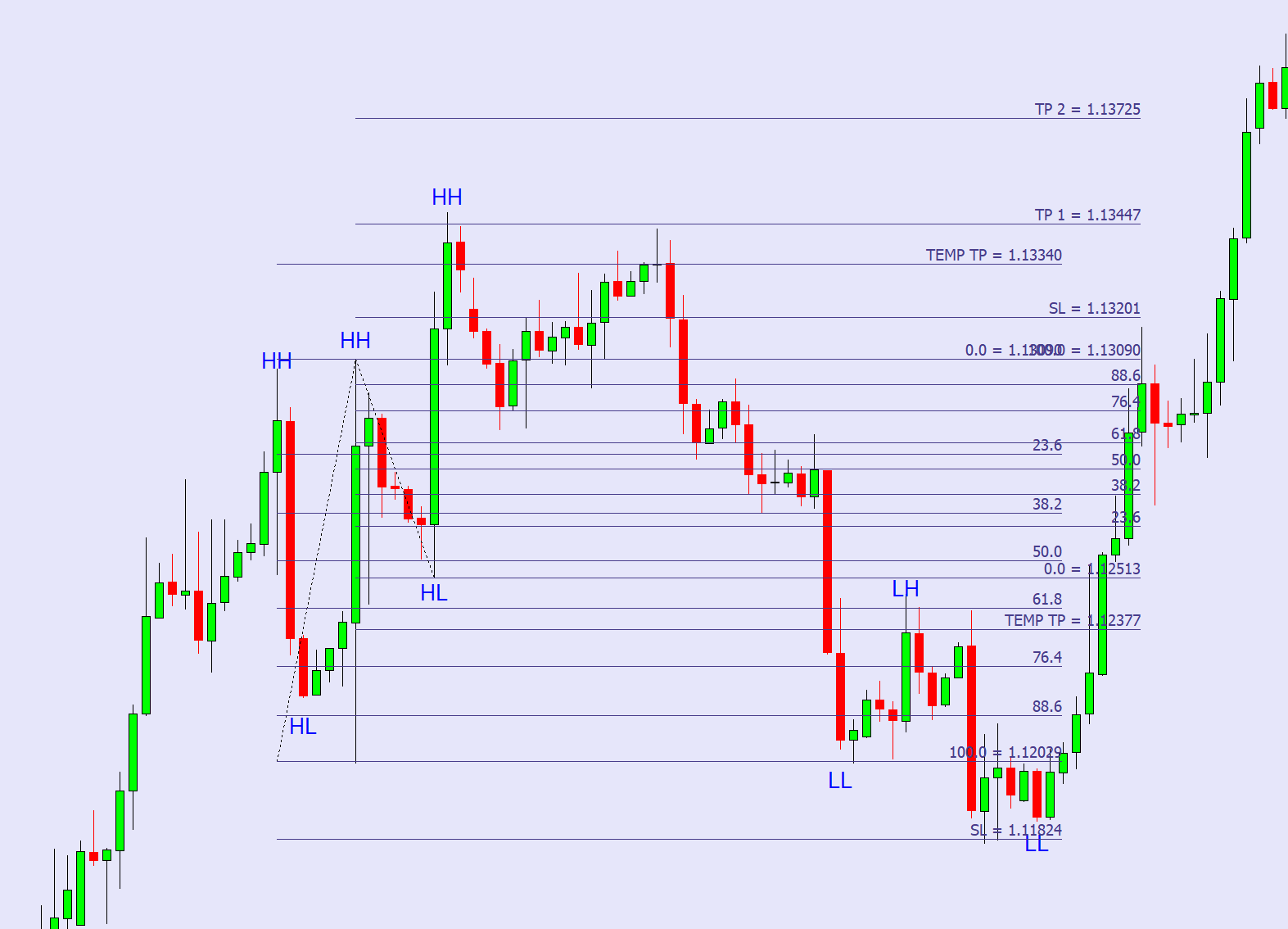
-in this sample, PO at 50 and 61.8 triggered.  
-the price break LL and breakeven can be set   
1 - 15 pips ---> 1 pip  
16 - 30 pips ---> 5 pips  
31 - 49 pips ---> 10 pips  
50 - 69 pips ---> 20 pips  
70 - 99 pips ---> 30 pips  
100 - 125 pips ---> 40 pips  
126 - 150 pips ---> 50 pips



-when the price break LL, TP can be change from temp TP to TP1 (161.8). Untriggered PO can be deleted  
-orange box is the range. (range stop at the price that break LL)  
-100 at left and 0 at right  
-in the sample, 100 at lowest shadow and 0 at the highest wick  
-in this sample, price reverse and hit breakeven



-another example. Orange box is the range for PO FR, and the yellow box is the range for TP FR.  
-PO FR50 triggered (green box)   
-TP1 hit (red box)



-another example  
-in this case 100 and 0 from the same candle (I adjust a bit the 100 so the FR wont overlap)

**Entry Type 2 : Inside Bar at H4 (not trend based)**



BE will be set once price reach 2x size of mother candle

1. Candle size more than 15 pips (between open and close price). This candle is named mother bar. Max size 50 pips (both can be changed)
2. The next two candle close price within the mother bar range
3. PO limit order will be placed at open and close price of mother candle
4. SL 15 pips, TP= 2.5x size of mother candle
5. Wait for breakout
6. If price break upper part, triggered sell position will be closed and replace by PO buy limit. SL/TP same with the previous PO buy limit
7. If price move 2x size of mother candle without triggering POs, delete the POs
8. If price break lower part, triggered buy position will be closed and replace by PO sell limit. SL/TP same with the previous PO sell limit
9. If price move 2x size of mother candle without triggering POs, delete the POs

Two candles inside mother candle

Mother candle

PO buy limit

PO sell limit



In this case PO buy limit triggered



PO sell limit

Price break mother candle. Buy position to be closed and replace with sell limit.  
SL and TP same with the sell limit set at initial stage



Sell limit triggered and price hit TP. Untriggered PO to be deleted

Should have an option which time frame to apply this inside bar strategy

Should have an option to apply or not to apply to certain currency

It is possible to have a mother bar inside mother bar

The EA should be able to run multiple currency pairs at the same time

And I would like to have the source code of the EA