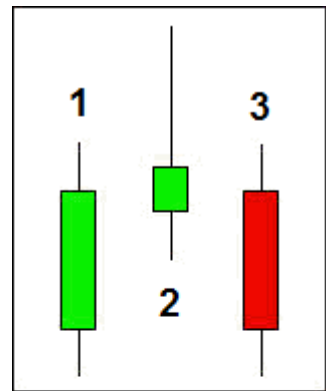# 3-Bar Signal

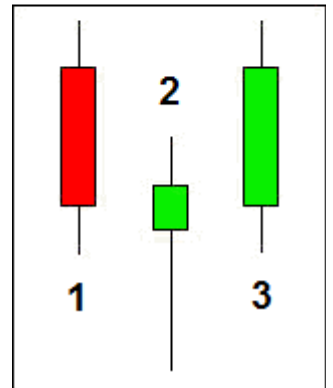This example implements the following Sell Signal and Buy Signal.

Rules for the Sell Signal:

1. Bar 2 has a higher high and higher low than both bars 1 and 3.
2. Bar 1 is a green bar (close higher than open).
3. Bar 3 is a red bar (close below open or close = open).

Rules for the Buy Signal:

1. Bar 2 has a lower high and lower low than both bars 1 and 3.
2. Bar 1 is a red bar (close lower than open).
3. Bar 3 is a green bar (close above open or close = open).

Study Name		**Study Location**	**Marker Location**	**Label Location**		**Grid Tab**			☐ Use as Default		
3-Bar Signal		Chart ▼	Above High 1 ▼	None ▼		Default ▼			☐ Draw Behind Bars		
Study Scale				**Variables File**		**Message Location**			☐ Privatize		
Chart Scale ▼				-3BarSignal ▼		None ▼			☐ Close Only		
Message Text				Font True False Panel					☐ Show Values		
				■ ■ ■ ■					☐ Email		
									☐ Auto Remove		
									☐ Auto Completion		

Sound
○ Silent   ○ Beep   ○ Voice   ○ WAV   ☐ Sound once per bar

Trading System
Price   Quantity Commission
WAV file   1   0
[_____] [Browse]

Category	Variable	Selection #1 & #3	Op. [#]	Selection #2 & #4	Offset	Show	Marker	Color
Expression ▼	20 Rule 1a ▼ =	High ▼	> ▼	Prior High ▼	-1	✓	• ▼	▨
	AND ▼ (	Low ▼	> ▼	Prior Low ▼	-1)			

	Category	Expression		Show	Marker		Marker Label
A	Expression	[Rule 1a] := (High[-1] > Prior High[-1]) AND (Low[-1] > Prior Low[-1])	✓	•		Above High	
B	Expression	[Rule 1b] := (Prior High > High) AND (Prior Low > Low)	✓	•		Above High	
C	Expression	[Rule 2] := Close[-2] > Open[-2]	✓	•		Above High	
D	Expression	[Rule 3] := Close <= Open	☐				
E	Flag	[0] := AND([Rule 1a], 4)	✓	◉		Above High	
F			☐				
G	Expression	[Rule 1a] := (High[-1] < Prior High[-1]) AND (Low[-1] < Prior Low[-1])	✓	•		Below Low	
H	Expression	[Rule 1b] := (Prior High < High) AND (Prior Low < Low)	✓	•		Below Low	
I	Expression	[Rule 2] := Close[-2] < Open[-2]	✓	•		Below Low	
J	Expression	[Rule 3] := Close >= Open	☐				
K	Flag	[0] := AND([Rule 1a], 4)	✓	◉		Below Low	

A – Implements Rule 1: Bar 2 has a higher high and a higher low than Bar 1.

B – Implements Rule 1: Bar 2 has a higher high and a higher low than Bar 3.

C – Rule 2: Bar 1 Close is above its open, ie. a Green bar.

D – Rule 3: Bar 3 Close is <= its Open, ie. a Red bar.

E – Show a marker when all 4 conditions are simultaneously True. This is the Sell Signal.

Note: Rule1a, Rule1b, Rule2 and Rule3 are Variables in sequence beginning with Rule1a.

Rows G through K implement the same principles for the Buy Signal.