

UPTIL VIDEO NO.6

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//@version=5

indicator(shorttitle='SMA coinclarified',title = "SMA",overlay = true)
MA1Peroid =input(50,title ='MA peroid1')
MA1Type=input.string(title='MA1
Type',defval="SMA",options=["RMA","SMA","EMA","WMA"])
MA1Source=input.source(title='MA1Source',defval=close)
MA1Visible=input.bool(title='MA1Visible',defval=true)
MA2Peroid= input(100,title='MA peroid2')
MA2Type=input.string(title='MA2
Type',defval="SMA",options=["RMA","SMA","EMA","WMA"])
MA2Source=input.source(title='MA2Source',defval=close)
MA2Visible=input.bool(title='MA2Visible',defval=true)
MA3Peroid= input(200,title = 'MA peroid3')
MA3Type=input.string(title='MA3
Type',defval="SMA",options=["RMA","SMA","EMA","WMA"])
MA3Source=input.source(title='MA3Source',defval=close)
MA3Visible=input.bool(title='MA3Visible',defval=true)

ShowCrosses=input.bool(title='Show Crosses',defval=true)

MA1=if MA1Type=="SMA"
    ta.sma (MA1Source,MA1Peroid)
else if MA1Type=="RMA"
    ta.rma (MA1Source,MA1Peroid)
else if MA1Type=="EMA"
    ta.ema (MA1Source, MA1Peroid)
else
    ta.wma (MA1Source,MA1Peroid)

MA2=if MA2Type=="SMA"
    ta.sma (MA2Source,MA2Peroid)
else if MA2Type=="RMA"
    ta.rma (MA2Source,MA2Peroid)
else if MA2Type=="EMA"
    ta.ema (MA2Source, MA2Peroid)
else
    ta.wma (MA2Source,MA1Peroid)

MA3=if MA3Type=="SMA"
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        ta.sma(MA3Source,MA3Peroid)
else if MA3Type=="RMA"
    ta.rma(MA3Source,MA3Peroid)
else if MA3Type=="EMA"
    ta.ema(MA3Source, MA3Peroid)
else
    ta.wma(MA3Source,MA3Peroid)

if ShowCrosses and MA1Visible and MA2Visible and ta.crossunder(MA1,MA2)
    lun1=label.new(bar_index,na,str.tostring(MA1Peroid)+' '+MA1Type+'crossed
under'+str.tostring(MA2Peroid)+' '+MA2Type,color=color.white,textcolor=color.red
,style=label.style_xcross,size=size.small)
    label.set_y(lun1,MA1)
if ShowCrosses and MA2Visible and MA3Visible and ta.crossunder(MA2,MA3)
    lun2=label.new(bar_index,na,str.tostring(MA2Peroid)+' '+MA2Type+'crossed
under'+str.tostring(MA3Peroid)+' '+MA3Type,color=color.yellow,textcolor=color.re
d,style=label.style_xcross,size=size.small)
    label.set_y(lun2,MA2)
if ShowCrosses and MA1Visible and MA3Visible and ta.crossunder(MA1,MA3)
    lun3=label.new(bar_index,na,str.tostring(MA1Peroid)+' '+MA1Type+'crossed
under'+str.tostring(MA3Peroid)+' '+MA3Type,color=color.blue,textcolor=color.red,
style=label.style_xcross,size=size.small)
    label.set_y(lun3,MA1)
if ShowCrosses and MA1Visible and MA2Visible and ta.crossover(MA1,MA2)
    lun1=label.new(bar_index,na,str.tostring(MA1Peroid)+' '+MA1Type+'crossed
over'+str.tostring(MA2Peroid)+' '+MA2Type,color=color.green,textcolor=color.red,
style=label.style_xcross,size=size.small)
    label.set_y(lun1,MA1)
if ShowCrosses and MA2Visible and MA3Visible and ta.crossover(MA2,MA3)
    lun2=label.new(bar_index,na,str.tostring(MA2Peroid)+' '+MA2Type+'crossed
over'+str.tostring(MA3Peroid)+' '+MA3Type,color=color.white,textcolor=color.red,
style=label.style_xcross,size=size.small)
    label.set_y(lun2,MA2)
if ShowCrosses and MA1Visible and MA3Visible and ta.crossover(MA1,MA3)
    lun3=label.new(bar_index,na,str.tostring(MA1Peroid)+' '+MA1Type+'crossed
over'+str.tostring(MA3Peroid)+' '+MA3Type,color=color.red,textcolor=color.red,st
yle=label.style_xcross,size=size.small)
    label.set_y(lun3,MA1)
plot(MA1Visible?MA1:na,color=color.green,linewidth = 1)
plot(MA2Visible?MA2:na,color=color.red,linewidth = 2)
plot(MA3Visible?MA3:na,color=color.blue,linewidth = 3)

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