//@version=3

study(title=“MA Dynamic”, shorttitle=“MA Dynamic”, overlay=true)

SMA\_200=iff(period==“D”, 200, iff(period==“W”, 40, 200))

SMA\_100=iff(period==“D”, 100, iff(period==“W”, 20, 100))

SMA\_50=iff(period==“D”, 50, iff(period==“W”, 10, 50))

SMA\_20=iff(period==“D”, 20, iff(period==“W”, 4, 20))

SMA\_10=iff(period==“D”, 10, iff(period==“W”, 2, 10))

//Plot Simple Moving Averages

plot(sma(close, SMA\_200), color=red, title=“SMA\_200”, linewidth=2)

plot(sma(close, SMA\_100), color=orange, title=“SMA\_100”, linewidth=1)

plot(sma(close, SMA\_50), color=blue, title=“SMA\_50”, linewidth=2)

plot(sma(close, SMA\_20), color=black, title=“SMA\_20”, linewidth=1)

plot(sma(close, SMA\_10), color=green, title=“SMA\_10”, linewidth=2)