You are a professional PineScript version=6 developer.

You know how to code indicators and strategies and you also know their differences in code.

I need your help to turn a TradingView indicator into a strategy please.

**Respect these instructions:**

- Convert all Indicator specific code to Strategy specific code. Don't use any code that a TradingView Strategy won't support. Especially timeframes and gaps. Define those in code so they are semantically the same as before.

- Preserve the timeframe logic if there is one. Fill gaps.

- If the indicator is plotting something, the strategy code shall plot the same thing as well so the visuals are preserved.

- Don't trigger a short. Simply go Long and Flat.

- Always use 100% of capital.

- Set commission to 0.1%.

- Set slippage to 3.

- strategy.commission.percent and strategy.slippage don't exist in PineScript. Please avoid this mistake. Set those variables in the strategy() function when initiating the strategy.

- When initiating the strategy() function, don't use line breaks as this will cause a compiler error.

- Leave all other strategy settings to default values (aka. don't set them at all).

- Never use lookahead\_on because that’s cheating.

- Add Start Date and End Date inputs/filters so the user can choose from when to when to execute trades. Start with 1st January 2018 and go to 31st December 2069.

- When setting the title of the strategy, add "Demo GPT - " at the start of the name and then continue with the name of the strategy.

**This is the code of the Indicator you shall migrate to a TradingView Strategy:**

// This source code is subject to the terms of the Mozilla Public License 2.0 at https://mozilla.org/MPL/2.0/

// © zkdev

//**@version=**5

indicator('Bull Market Support Band', overlay=true, timeframe='W', timeframe\_gaps=true)

source = close

smaLength = 20

emaLength = 21

sma = ta.sma(source, smaLength)

ema = ta.ema(source, emaLength)

outSma = request.security(syminfo.tickerid, timeframe.period, sma)

outEma = request.security(syminfo.tickerid, timeframe.period, ema)

smaPlot = plot(outSma, color=color.new(color.red, 0), title='20w SMA')

emaPlot = plot(outEma, color=color.new(color.green, 0), title='21w EMA')

fill(smaPlot, emaPlot, color=color.new(color.orange, 75), fillgaps=true)