Tiger Trade Open API Example

This code snippet retrieves and prints the current stock prices of some of the largest companies listed on the Hong Kong Stock Exchange using the Tiger Open API. It initializes a client, retrieves the stock prices, and prints the results.

```python
from tigeropen.common.consts import Language, Market, BarPeriod, QuoteRight
from tigeropen.tiger_open_config import TigerOpenClientConfig
from tigeropen.common.util.signature_utils import read_private_key
from tigeropen.quote.quote_client import QuoteClient
import os


def get_client_config(sandbox=False):
    client_config = TigerOpenClientConfig(sandbox_debug=sandbox)
    client_config.private_key = read_private_key(os.environ.get('TIGER_PEM'))
    client_config.tiger_id = os.environ.get('TIGER_TIGER_ID')
    client_config.account = os.environ.get('TIGER_ACCOUNT')
    client_config.language = Language.zh_CN
    return client_config


client_config = get_client_config()
quote_client = QuoteClient(client_config)

hong_kong_biggest_companies_codes = [
    '00700',  # Tencent Holdings Ltd.
    '09988',  # Alibaba Group Holding Ltd.
    '01299',  # AIA Group Ltd.
    '00941',  # China Mobile Ltd.
    '00388',  # Hong Kong Exchanges and Clearing Ltd.
    '03690',  # Meituan
    '01398',  # Industrial and Commercial Bank of China Ltd.
    '02318',  # Ping An Insurance Group Co. of China Ltd.
    '01810',  # Xiaomi Corporation
    '03988',  # Bank of China Ltd.
]

stock_prices = quote_client.get_stock_briefs(hong_kong_biggest_companies_codes)
print(stock_prices)
```