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# Hello World project
# python 3
# برنامه نوشته شده برای بورس ایران با پایتون
# import فقط باید ایمپورت هارانسب کنید
# اطلاعات بورس روبرو کامل بشما میدهد

"""
access properties of Ticker for all symbols
"""

import traceback
import datetime
import logging
import random
from collections import defaultdict

from pytse_client import Ticker, all_symbols

logging.basicConfig()
logger = logging.getLogger(__name__)
logger.setLevel(logging.INFO)

if __name__ == '__main__':
    symbols_errors = defaultdict(list)
    random_symbols =
random.sample(list(all_symbols()), 50)
    for index, symbol in enumerate(random_symbols):
        logger.info(f"{symbol} item
{index+1}/{len(random_symbols)}")
        try:
            ticker = Ticker(symbol)

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ticker.title
ticker.url
ticker.group_name
ticker.eps
ticker.p_e_ratio
ticker.group_p_e_ratio
ticker.base_volume
ticker.state
ticker.last_price
ticker.adj_close
ticker.yesterday_price
ticker.open_price
ticker.high_price
ticker.low_price
ticker.count
ticker.volume
ticker.value
ticker.last_date
ticker.flow
ticker.sta_max
ticker.sta_min
ticker.min_week
ticker.max_week
ticker.min_year
ticker.max_year
ticker.month_average_volume
ticker.float_shares
ticker.total_shares
ticker.shareholders
ticker.get_shareholders_history(

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from_when=datetime.timedelta(days=20)
    )

ticker.get_ticker_real_time_info_response()
    ticker.get_trade_details()
except Exception as e:
    logger.exception(f"Exception testing
{symbol}")
    symbols_errors[symbol].append(e)
# if there is some error test will fail with
all errors
if symbols_errors:
    raise Exception(symbols_errors)
```