

Writing programming interview questions hasn't made me rich. Maybe trading Apple stocks will.

Suppose we could access yesterday's stock prices as a list, where:

- The indices are the time in minutes past trade opening time, which was 9:30am local time.
- The values are the price in dollars of Apple stock at that time.

So if the stock cost \$500 at 10:30am, `stock_prices_yesterday[60] = 500`.

Write an efficient function that takes `stock_prices_yesterday` and returns **the best profit I could have made from 1 purchase and 1 sale of 1 Apple stock yesterday**.

For example:

Python ▼

```
stock_prices_yesterday = [10, 7, 5, 8, 11, 9]

get_max_profit(stock_prices_yesterday)
# Returns 6 (buying for $5 and selling for $11)
```

No "shorting"—you must buy before you sell. You may not buy *and* sell in the same time step (at least 1 minute must pass).

Want more coding interview help?

Check out **[interviewcake.com](https://www.interviewcake.com)** for more advice, guides, and practice questions.