

Portfolio Representation: Dictionary

portfolio = {

"AAPL"

shares: 100, buy: 145.0, *current*: 150.5

"MSFT"

shares: 50, buy: 320.0, *current*: 340.0

"GOOGL"

shares: 75, buy: 120.0, *current*: 125.75

}

Portfolio Calculations

```
# Calculate total value

total_value = 0

for ticker in portfolio:

    shares = portfolio[ticker]["shares"]

    price = portfolio[ticker]["current_price"]

    total_value += shares * price

print(f"Total portfolio value: ${total_value:,.2f}")

# Output: Total portfolio value: $31,481.25
```