

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
```