TASK NO 3:

```
class StockPortfolio:
    def __init__(self):
        self.portfolio = {}
        self.stock_prices = {
            'AAPL': 150.0,
            'GOOG': 2500.0,
            'MSFT': 200.0
        }

    def add_stock(self, ticker, quantity):
        if ticker in self.stock_prices:
            self.portfolio[ticker] = quantity
        else:
            print(f"Unknown ticker: {ticker}")

    def remove_stock(self, ticker):
        if ticker in self.portfolio:
            del self.portfolio[ticker]
        else:
            print(f"No shares of {ticker} to remove")

    def track_performance(self):
        total_value = sum(self.stock_prices[ticker] * quantity for ticker,
quantity in self.portfolio.items())
        for ticker, quantity in self.portfolio.items():
            print(f"{ticker}: {self.stock_prices[ticker]} x {quantity} =
{self.stock_prices[ticker] * quantity}")
        print(f"Total Portfolio Value: {total_value}")

portfolio = StockPortfolio()
portfolio.add_stock('AAPL', 10)
portfolio.add_stock('GOOG', 5)
portfolio.track_performance()
portfolio.remove_stock('AAPL')
portfolio.track_performance()
```