Start coding or generate with AI.

```
stock_prices = {"AAPL": 180, "TSLA": 250, "GOOG": 140, "MSFT": 300}

portfolio = {}
total_value=0

n = int(input("Enter number of stocks: "))
for _ in range(n):
    stock = input("Stock Name (e.g., AAPL): ").upper()
    qty = int(input(f"Quantity of {stock}: "))
    if stock in stock_prices:
        portfolio[stock] = qty
        total_value += stock_prices[stock] * qty
    else:
        print(f"{stock} price not found!")

print("\n--- Portfolio Summary ---")
for s, q in portfolio.items():
    print(f"{s}: {q} shares x ${stock_prices[s]} = ${stock_prices[s]*q}")
print(f"Total Investment Value: ${total_value}")

with open("portfolio.txt", "w") as f:
    f.write("Stock Portfolio Summary\n")
    for s, q in portfolio.items():
        f.write(f"{s}: {q} shares x ${stock_prices[s]} = ${stock_prices[s]*q}\n")
    f.write(f"Total Investment Value: ${total_value}")
```

```
Enter number of stocks: 3
Stock Name (e.g., AAPL): AAPL
Quantity of AAPL: 2
Stock Name (e.g., AAPL): TSLA
Quantity of TSLA: 1
Stock Name (e.g., AAPL): MSFT
Quantity of MSFT: 3

--- Portfolio Summary ---
AAPL: 2 shares x $180 = $360
TSLA: 1 shares x $250 = $250
MSFT: 3 shares x $300 = $900
Total Investment Value: $1510
```