EXPERINMENT-03

3.**Scenario:** You are working on a project that involves analyzing a dataset containing information about houses in a neighborhood. The dataset is stored in a CSV file, and you have imported it into a NumPy array named house_data. Each row of the array represents a house, and the columns contain various features such as the number of bedrooms, square footage, and sale price.

Question: Using NumPy arrays and operations, how would you find the average sale price of houses with more than four bedrooms in the neighborhood?

Code:

```
import numpy as np
house_data = np.array([
    [3, 1800, 250000],
    [5, 2200, 350000],
    [4, 2000, 300000],
    [6, 3000, 500000]
])
filtered = house_data[house_data[:,0] > 4]
avg_price = np.mean(filtered[:,2])
print("Average Price of Houses >4 Bedrooms:", avg_price)
```

Output: