

Component C. Personalized Project Reference.**Procedure:****i.**

```
def calculate_price_increase(shoe_prices, percentage):  
    updated_prices = []  
    for price in shoe_prices:  
        new_price = price *(1 + percentage)  
        rounded_price = round(new_price)  
        updated_prices.append(rounded_price)  
    return updated_prices  
  
def shoe_price(shoe_names, shoe_prices):  
    for name, price in zip(shoe_names, shoe_prices):  
        print(name + ":$"+ str(price))
```

ii.

```
shoe_price(shoe_names, updated_prices)
```

List:**i.**

```
new_price = price *(1 + percentage)  
rounded_price = round(new_price)  
updated_prices.append(rounded_price)
```

ii.

```
shoe_names = ["Jordan 1", "Jordan 3", "Jordan 4", "Jordan 5", "Jordan 6",  
shoe_prices = [200, 210, 190, 225, 180, 170, 230]
```

```
print("Initial Shoe Inventory:")  
shoe_price(shoe_names, shoe_prices)
```

```
percentage_input = input("Enter the percentage increase(e.g., 10 or 20
```

```
percentage_increase = float(percentage_input)/100
```

```
updated_prices = calculate_price_increase(shoe_prices, percentage_inc
```

```
print("Updated Shoe Prices after a " + (percentage_input) + "% increase:  
shoe_price(shoe_names, updated_prices)
```