

ALA-1

Explanation:-

1. Input Type Error

In the original program, quantity was taken using input().

Input function always returns a string.

String cannot be multiplied with an integer price.

Solution

Convert input into integer using int().

Example

```
qty = int(input("Enter quantity: "))
```

2. Missing Colon After If

Python requires a colon after if condition.

Wrong

```
if total > 3000
```

Correct

```
if total > 3000:
```

3. Indentation Error

Python uses indentation to define blocks.

Statements inside if and else must be properly indented.

Correct Format

```
if total > 3000:  
    discount = total * 0.1  
else:  
    discount = 0
```

4. Missing Colon in For Loop

Wrong

```
for i in range(3)
```

Correct

```
for i in range(3):
```

5. Case Sensitivity Error

Python is case sensitive.

total and Total are different variables.

Wrong

```
print("Total:", Total)
```

Correct

```
print("Total:", total)
```