BEGIN  
SET total\_cost = 0  
DISPLAY "Number of items purchased: "  
INPUT purchase

FOR items FROM 1 TO purchase DO  
DISPLAY "Name of item purchased: "  
INPUT name  
DISPLAY "Price of item purchased: "  
INPUT price  
DISPLAY "Quantity purchased: "  
INPUT quantity  
SET cost = price \* quantity  
SET total\_cost = total\_cost + cost  
DISPLAY "You purchased", quantity, name, "at", price, "cost is:", cost  
END FOR

DISPLAY "Total cost of all items is:", total\_cost  
END

**Display "Name of item purchased**

**Input name**

**Display "Price of item purchased:**

**Input price**

**Display "Quantity purchased:"**

**Input quantity**

**Calculate cost = price \* quantity**

**Update total\_cost = total\_cost + cost**

**Display "You purchased", quantity, name, "at", price, "cost is:", cost**

**End Loop**

End

**Display "Total cost of all items is:", total\_cost**

**Input purchase**

**Initialize total\_cost = 0**

Start