

| Input | Process | Output |
|----------|---|---------------------|
| standing | <pre> switch (status) { case 'A': if (quantity > 10000) price = 10.00; else price = 30.00; break; </pre> | Extendedprice |
| quantity | <pre> case 'B': if (quantity > 10000) price = 12.00; else price = 30.00; break; </pre> | tax |
| | <pre> case 'C': if (quantity >= 5000 && quantity <= 10000) price = 20.00; else price = 30.00; break; </pre> | Extendedprice + tax |
| | <pre> case 'D': if (quantity >= 5000 && quantity <= 10000) price = 22.00; else price = 30.00; break; </pre> | |
| | <pre> else { price = 30.00 </pre> | |
| | <pre> extendedprice = quantity * price </pre> | |
| | <pre> tax = extendedprice * 0.07 </pre> | |