Assumptions:

1. The following promotions are classified as ‘**Order Level Promotion**’ and ‘**Item Level Promotion**’
2. Buy X quantity of any item for the price of Y (3 kgs of oranges for 1.5 kgs) – **Item Level Promotion**
3. 50% off on price of any item (Pay 75 for 1 kg of oranges instead of Rs 150) – **Item Level Promotion**
4. Buy 1 X & 1 Y for Z (Buy 1 kg of apples and 1 kg of oranges for 100) – **Order Level Promotion.**
5. The above classification is made, to avoid negative results. Each promotion holds a promo code, which the user can apply at run-time.
6. The user can enter either ‘Item Level Promotion codes’ or ‘Order Level Promotion Codes’, not both.
7. The promotion values ‘X’,’Y’ and ‘Z’ are fixed and hardcoded as below

**Item Level Promotion**:

**X** – 3 kg’s

**Y** – 1.5 kg’s

**Order Level Promotion**:

**X** – Apples

**Y**- Oranges

**Z** – Rs.100

1. User can choose only the items present in the list, which is provided at run-time. The item names are case-sensitive.
2. Users are not allowed to enter the same promotion twice.