**Shopping Simulation**

**Who enters the store and at what time**

By default I am giving customer name ,phone number and type of a customer . My assumption is one thread means one customer. if one customer entered details and customer entered time will be display i.e., after thread invoked.

**Cart:**

* Cart will be decrement when customers are entering.
* I am not entering through keyboard, Automatically cart is going to decrement when threads are invoked.
* When cart becomes zero that means carts are not available so new customer should wait for the cart.
* After completion of payment of any other customer the cart is going to be released.

**Shopping:(cloths shopping)**

1. ladies wear
2. men wear
3. kids wear
4. accessories.

**Example:**

If shopper want to shop kids-wear they can choose 3rd option and enter into the shopping. In kids wear again there are 4 categories they can select whatever they want and the quantity .

**What is the state of the inventory on shelf in the store for all items / any particular item :**

* **I** am maintaining all the items quantity in a list by default I am giving quantity for each item.

**If a shopper decides to make a purchase, what is the total cost of all the items in his cart :**

* by default all the items cost are initialized.
* Total cost of all the items in the cart are calculated .

**Who leaves the store and at what time :**

After completion of billing.I am specifying the person with the help of thread "thread.currentthread" who is leaving and at what time customer is leaving.