

## **C#-Part4 Assignment**

### **Assignment:**

Using LINQ & tables ( Orders, Customers, OrderItems & Partners) created in training session

1. Get a list of all orders after December 8, 2007. Print order id and order date.
2. Get a list of all orders after December 8, 2007 and retrieve only order id & amount into an anonymous type. Print order id and amount.
3. Find the order with the largest order amount.
4. Find all orders containing widgets.
5. Sum up the value of all order items.
6. What is average order total?
7. How many orders have multiple items?
8. Create a flat list of a new anonymous type to project the fields OrderID, OrderItemID, ProductName of every order item.
9. Create new set of orders based on the existing orders. Add 1000 to each OrderID and set the OrderDate to Now.

Results for above queries should be obtained using LINQ's method syntax & query syntax.