Assignment 4

Create a Class named MyORM<T> which will have 5 methods.
1. Insert(T item)
2. Update(T item)
3. Delete (T item)
4. Delete (int id)
5. GetById(int id)
6. GetAll()

T should be a class that always have int id. You can make an abstract base class or interface to enforce this in generic constraint

This class should be able to read and write in a database table with the same name. Database table should be present from before.

Use reflection and Ado.net to create this mini ORM system.

Bonus:
If your ORM can handle nested objects, you will get bonus marks. In that case you have to work with multiple tables and objects. Consider the following example:

```
class House {
      public int Id { get; set; }
      public List<Room> Rooms { get; set; }
}

class Room {
      public int Id { get; set; }
      public double Rent { get; set; }
}
```

In the above example, you can see that House class holds reference to Room. So in such a case, you need to create SQL for multiple tables and when loading data, you need to put value in multiple objects. Remember, this can be multi level, so you have to use recursion to make it work properly.