**Write methods to Perform CRUD Operation using Entity Framework.**

public class BLLStudent

{

SamriddhiDBBEntities db = new SamriddhiDBBEntities();

public void CreateStudent(tblStudent tbl)

{

tblStudent tb = new tblStudent();

tb.Name = tbl.Name;

tb.Address = tbl.Address ;

db.tblStudents.Add(tb);

db.SaveChanges();

Console.WriteLine("Data Inserted");

}

public void GetAllStudent()

{

List<tblStudent> lst = db.tblStudents.ToList();

foreach (tblStudent item in lst)

{

Console.WriteLine(item.Name + " " + item.Address);

}

}

public void UpdateStudent(tblStudent stu)

{

tblStudent student = db.tblStudents.Where(a => a.Id == stu.Id).FirstOrDefault();

student.Name = stu.Name;

student.Address = stu.Address;

db.SaveChanges();

}

public void DeleteStudent(int id)

{

tblStudent student = db.tblStudents.Where(a => a.Id == id).FirstOrDefault();

db.tblStudents.Remove(student);

db.SaveChanges();

}

}

**Main Method:**

**BLLStudent blstu = new BLLStudent();**

**//insert**

**tblStudent st=new tblStudent();**

**st.Name=”Jiwan Limbu”;  
 st.Address=”Kathmandu”;**

**blstu.CreateStudent(st);**

**//Select**

**blstu.GetAllStudent();**

**//update**

**tblStudent tb = new tblStudent();**

**tb.Id = 2;**

**tb.Name = "Sunil Chaudhary";**

**tb.Address = "Bhaktapur";**

**blstu.UpdateStudent(tb);**

**//deleted**

**blstu.DeleteStudent(2);**

**Console.WriteLine("Deleted");**

Write a program to Authenticate User using Entity framework:

static void Main(string[] args)

{

Console.WriteLine("Enter Username:");

string username = Console.ReadLine();

Console.WriteLine("Enter Password:");

string passwprd = Console.ReadLine();

NetCentricDBEntities db = new NetCentricDBEntities();

tblUser tb = db.tblUsers.Where(a => a.Username == username && a.Password == passwprd).FirstOrDefault();

if(tb!=null)

{

Console.WriteLine("Authenticated");

}

else

{

Console.WriteLine("Not Authenticated");

}

Console.ReadLine();

}