1. List all emps who are in 10th dept

private static void GetEmpByDept()

{

var ctx = new AugETG\_2021Context();

var emps = ctx.Emps.Where(e => e.Deptno == 10);

foreach (var e in emps)

{

Console.WriteLine(e.Ename );

}

}

2. What is the max sal in the emp table

private static void GetMaxSal()

{

var ctx = new AugETG\_2021Context();

var MaxSal = ctx.Emps.Max(e => e.Sal);

Console.WriteLine(MaxSal);

}

3. what is the sum of salary in 10th dept

private static void GetSumByDept()

{

var ctx = new AugETG\_2021Context();

var Sum = ctx.Emps.Where(e=>e.Deptno==10).Sum(e => e.Sal);

Console.WriteLine(Sum);

}  
 4. list all emps whose name starts with J

private static void GetEmpStartWithJ()

{

var ctx = new AugETG\_2021Context();

//var emps = from e in ctx.Emps

// where e.Ename.StartsWith("J")

// select e;

var emps = ctx.Emps.Where(e => e.Ename.StartsWith("J"));

foreach (var e in emps)

{

Console.WriteLine(e.Ename);

}

}

5. Update table

private static void UpdateEmployee(int id)

{

var ctx = new AugETG\_2021Context();

var employee = ctx.Emps.SingleOrDefault(e => e.Empno == id);

employee.Deptno = 20;

try

{

ctx.Emps.Update(employee);

ctx.SaveChanges();

Console.WriteLine("Employee details updated successfully");

}

catch (Exception ex)

{

Console.WriteLine(ex.InnerException.ToString());

}

}

6. Delete table

private static void DeleteEmployee()

{

var ctx = new AugETG\_2021Context();

var removeRow = ctx.Emps.SingleOrDefault(e => e.Empno == 5050);

try

{

if (removeRow != null)

{

ctx.Emps.Remove(removeRow);

ctx.SaveChanges();

Console.WriteLine("Employee deleted successfully");

}

}

catch (Exception ex)

{

Console.WriteLine(ex.InnerException.ToString());

}

}