**22 - WCF Assignment – 2**

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| 1.WCF Service Task, CRUD operations on database table  Create a WCF service will implement following methods  Define OperationContract AddEmployee takes employee object and add in employee table  Define OperationContract RetreiveEmployees return list of employee objects  Define OperationContract RetreiveEmployeeByID takes id as parameter return list of employee object  Define OperationContract UpdateEmployee takes employee object and id to edit row in database  Define OperationContract DeleteEmployee takes employee id as argument and return status of the row delete or not  Create console application host(selfhosting) the service  Consume the service in ASP.NET MVC  Design web form two perform crud operations |
| **Source:**  **Service:**              **Hosted in Console**      **MVC Client**        **Index**    **Load**    **Create**    **Edit**    **Delete** |
| **Output:**  **Hosted Service in Console.**        **Load All Employees**    **Search by employee id**    **Edit or Update**      **Delete Employee** |
| 2.WCF Service Task, Host in Windows Service  Create a WCF Weather service to implement  a. Double celciustofarenheit(double temp)  b. Double farenheittocelcius (double temp)  Host the service in Windows Service  Consume the service in Console App |
| **Source:**  **Service Core**      **Window Service**      **Install Window Service**      **Config file**    **Consumer – Console Application** |
| **Output:**  **Window Service**    **Console** |