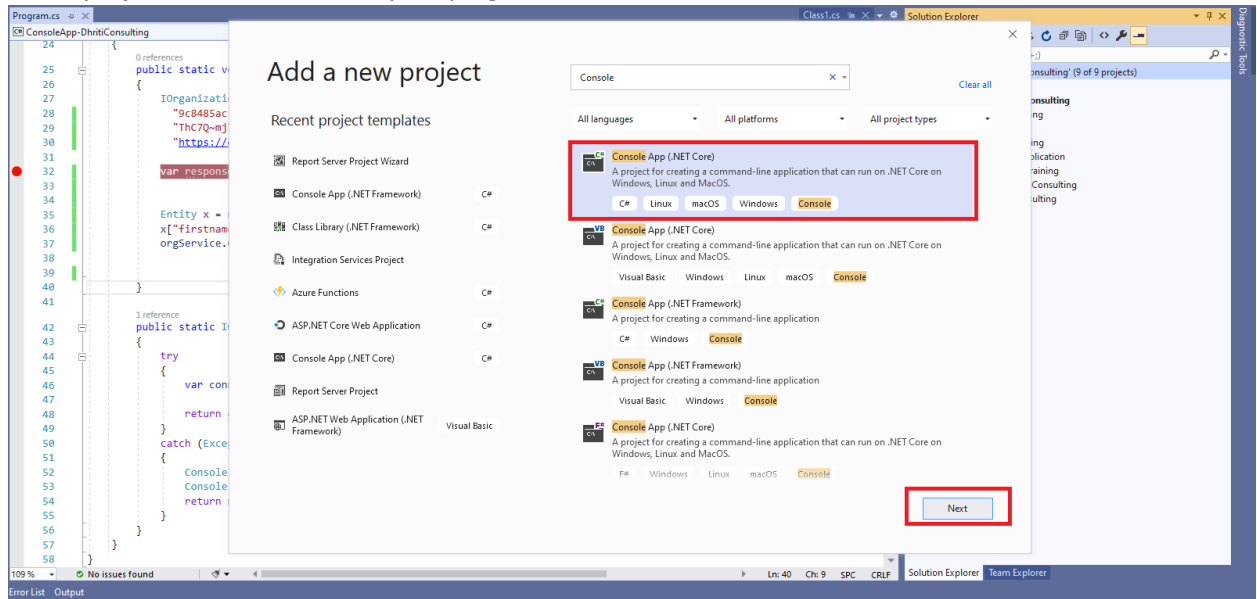
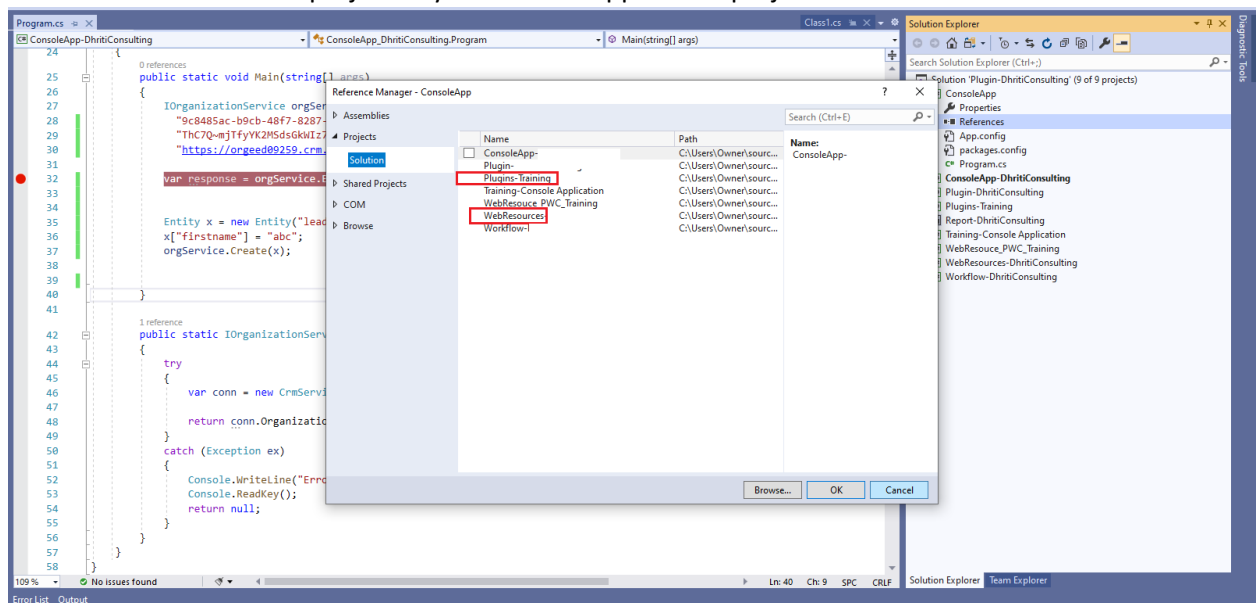


Debugging a Plugin using Console Application in Dynamics CRM

1. Add a project to the solution of your plugin



2. Add the console application project and kindly follow the steps as shared before this
3. Add the reference of the project to your console application project



4. Ensure to make the method Public in your plugin code which needs to be triggered from console application

```
10 public class Contact_RecordCreation : IPlugin
11 {
12     2 references
13     public void Execute(IServiceProvider serviceProvider)
14     {
15         ITracingService tracingService = (ITracingService)serviceProvider.GetService(typeof(ITracingService));
16         IPluginExecutionContext context = (IPluginExecutionContext)serviceProvider.GetService(typeof(IPluginExecutionContext));
17
18         if (context.InputParameters.Contains("Target") && context.InputParameters["Target"] is Entity)
19         {
20
21             Entity entity = (Entity)context.InputParameters["Target"];
22             IOrganizationServiceFactory serviceFactory = (IOrganizationServiceFactory)serviceProvider.GetService(typeof(IOrganizationServiceFactory));
23             IOrganizationService service = serviceFactory.CreateOrganizationService(context.UserId);
24             createAccountRecords(service);
25         }
26     }
27
28     2 references
29     public void createAccountRecords(IOrganizationService service)
30     {
31         Entity contactRecord = new Entity("contact");
32         contactRecord[""] = "Record created through plugin";
33         service.Create(contactRecord);
34     }
35 }
36
```

```
3 public class Program
4 {
5     0 references
6     public static void Main(string[] args)
7     {
8         IOrganizationService orgService = GetOrganizationServiceClientSecret(
9             "9c8485ac-b9cb-48f7-8287-ad968984f38f",
10            "ThC7Q~mjTfyYK2MSdsGkWIz7Uhh_cTbhxyhqx",
11            "https://orgeed09259.crm.dynamics.com");
12
13         var response = orgService.Execute(new WhoAmIRequest());
14
15         Contact_RecordCreation r1 = new Contact_RecordCreation();
16         r1.createAccountRecords(orgService);
17     }
18 }
19
20 1 reference
21 public static IOrganizationService GetOrganizationServiceClientSecret(string clientId, string clientSecret, string organi
22 {
23     try
24     {
25         var conn = new CrmServiceClient($"{AuthType=ClientSecret;url={organizationUri};ClientId={clientId};ClientSecret={
26
27         return conn.OrganizationWebProxyClient != null ? conn.OrganizationWebProxyClient : (IOrganizationService)conn.Org
28     }
29     catch (Exception ex)
30     {
31         Console.WriteLine("Error while connecting to CRM " + ex.Message);
32         Console.ReadKey();
33         return null;
34     }
35 }
```