**Problem #1**:

The 'ObjectContent`1' type failed to serialize the response body for content type 'application/xml; charset=utf-8'.

**Solution Steps**:

1. In Global.asax Add below lines in Application\_start() method.

GlobalConfiguration.Configuration.Formatters.JsonFormatter.SerializerSettings.ReferenceLoopHandling = Newtonsoft.Json.ReferenceLoopHandling.Ignore;

GlobalConfiguration.Configuration.Formatters.Remove(GlobalConfiguration.Configuration.Formatters.XmlFormatter);

1. In WebApiConfig.cs file add below code

var json = config.Formatters.JsonFormatter;

json.SerializerSettings.PreserveReferencesHandling = Newtonsoft.Json.PreserveReferencesHandling.Objects;

config.Formatters.Remove(config.Formatters.XmlFormatter);

config.Formatters.JsonFormatter.SupportedMediaTypes.Add(new MediaTypeHeaderValue("text/html"));

1. Modify public virtual ICollection<Order> Orders { get; set; } to public ICollection<Order> Orders { get; set; } in Customer Model Created From EntityFramework.

**Problem #2:**

# [Web Api is add extra $id to result set](https://stackoverflow.com/questions/24533807/why-web-api-add-extra-id-to-result-set)

**Solution Steps:**

var json = config.Formatters.JsonFormatter;

json.SerializerSettings.PreserveReferencesHandling = Newtonsoft.Json.PreserveReferencesHandling.None;