

## Faculty Data

The following API using ASP.Net Core can be used to retrieve the KSAU-HS in Numbers. The API include GET method.

Faculty Data API URL:

<https://ksau-hs.edu.sa/qiyas/api/GetFacultyData>

Consuming WEB API:

```
static async Task Main(string[] args)
{
    //Define your baseUrl
    string baseUrl = "https://ksau-hs.edu.sa/qiyas/api/GetFacultyData"

    //Have your using statements within a try/catch block
    try
    {
        //We will now define your HttpClient with your first using statement which will use a IDisposable.
        using (HttpClient client = new HttpClient())
        {
            //In the next using statement you will initiate the Get Request, use the await keyword so it will execute the using statement in order.
            using (HttpResponseMessage res = await client.GetAsync(baseUrl))
            {
                //Then get the content from the response in the next using statement, then within it you will get the data, and convert it to a c# object.
                using (HttpContent content = res.Content)
                {
                    //Now assign your content to your data variable, by converting into a string using the await keyword.
                    var data = await content.ReadAsStringAsync();
                    //If the data isn't null return log convert the data using newtonsoft JObject Parse class method on the data.
                    if (data != null)
                    {
                        //Now log your data in the console
                        Console.WriteLine("data-----{0}", data);
                    }
                    else
                    {
                        Console.WriteLine("NO Data-----");
                    }
                }
            }
        }
    }
    catch (Exception ex) { }
}
```