**Passing Data From A Controller To A View In Mvc**

In an ASP.NET MVC application, a controller typically performs the business logic of the application and needs to return the result to the user through a view.

You can use the following objects to pass data between controller and view:

* **ViewData**
* **ViewBag**
* **TempData**

**ViewData**

* Passes data from a controller to a view.
* Is a dictionary of objects that is derived from the **ViewDataDictionary** class.
* Some of the characteristics of ViewData are as follows:
* The life of a ViewData object exists only during the current request.
* The value of ViewData becomes null if the request is redirected.
* ViewData requires typecasting when you use complex data type to avoid error.

**The general syntax of ViewData is as follows:**

**ViewData[“<Key>”] = <Value>;**

where,

* **Key**: Is a String value to identify the object present in ViewData.
* **Value**: Is the object present in ViewData. This object may be a String, object, list, array or a different type, such as int, char, float, double DateTime etc.

**Note:** ViewData does not provide compile time error checking. For Example- if you mis-spell keys you wouldn’t get any compile time errors. You get to know about the error only at runtime.