Assignment.

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**HTTP get:**

* HTTP get method is used to get a request or fetch records from the server.
* The request is sent along with the URL.
* Since get parameters are in URL and URL has certain length limit, this get parameter also restricted by the maximum URL length of 255 characters long.
* It is not secure but it is fast and quick since it does not take extra time for encapsulating.
* It is mostly used when you are not posting any sensitive data to the server like password, credit card info etc.
* HTTP get can carry only string data.

**HTTP post:**

* HTTP post inserts or creates the record in the table.
* POST is stored in the request body of the HTTP request.
* They do not have a maximum length.
* It is more secure than the Http get method but it is slower than Http get.
* It is only useful when you are passing sensitive information to the server.
* It has no restriction of passing data and can post unlimited form variables.
* It is used when sending critical data.
* It can carry both text and binary data.

**View Data:**

* View Data is Key-Value Dictionary collection.
* It is used to transfer data from controller to view.
* View Data works with .net framework 3.5 and above.
* Type Conversion code is required while enumerating.
* Its value becomes null if redirection has occurred.
* It lies only during the current request.

**View Bag:**

* View Bag is a type object.
* It is used to transfer data from controller to view.
* View Bag is Dynamic property of Controller Base class.
* View Bag works with .net framework 4.0 and above.
* View Bag is used dynamic, so there is no need to type conversion while enumerating.
* Its value also becomes null if redirection has occurred.
* It also lies only during the current request.

**Temp Data:**

* Temp Data is Key-Value Dictionary collection.
* It is used to transfer data from controller to view.
* View Data works with .net framework 3.5 and above.
* Type Conversion code is required while enumerating.
* Temp Data is used to pass data between two consecutive requests.
* Temp Data only works during the current and subsequent request.