TMap TMap Introduction **Instructor Notes:** Add instructor notes here. **VBScript** Lesson 5: Dictionary Object Capgemini

Instructor Notes:

Add instructor notes here.



Instructor Notes:

Introduction to Dictionary Object



- A Dictionary object is the equivalent of a PERL associative array.
- Items can be any form of data, and are stored in the array.
- Each item is associated with a unique key.
- The key is used to retrieve an individual item and is usually a integer or a string, but can be anything except an array.

Syntax:

Dim objname Set objname = CreateObject("Scripting.Dictionary") objname.Add (key, item)

Dictionary Object:

A Dictionary object can be compared to a PERL associative array. Any Values can be stored in the array and each item is associated with a unique key. The key is used to retrieve an individual element and it is usually an integer or a string, but can be anything except an array.

VBScript classes are enclosed within Class End Class.

Instructor Notes:

Dictionary Object - Properties



• Count Property - Returns the number of items in a collection or Dictionary object. Read-only.

Syntax : objDictionary.Count

- CompareMode Property Sets and returns the comparison mode for comparing string keys in a Dictionary object.
- Key Property Sets a key in a Dictionary object. The newkey is a new value that replaces the specified key.

Syntax : object.Key(key) = newkey

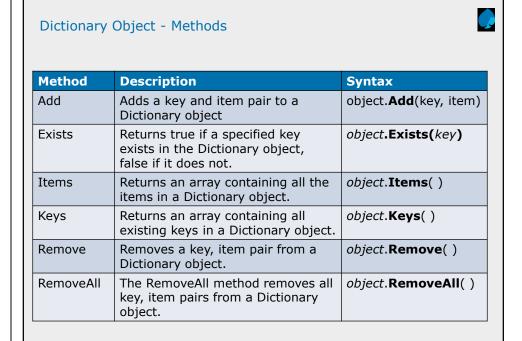
 Item Property - Sets or returns an item for a specified key in a Dictionary object. For collections, returns an item based on the specified key. Read/write.

Syntax : object.Item(key)[= newitem]

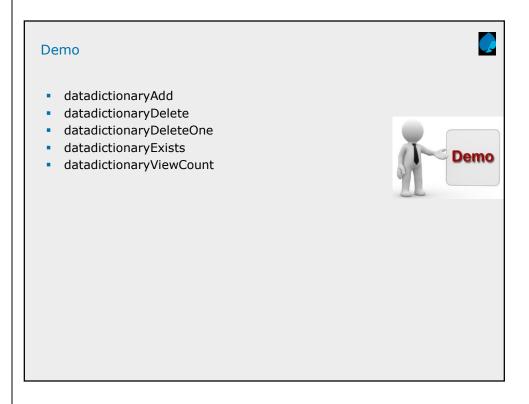
Item property:

- If *key* is not found when changing an *item*, a new *key* is created with the specified *newitem*.
- If *key* is not found when attempting to return an existing item, a new *key* is created and its corresponding item is left empty.

Instructor Notes:



Instructor Notes:



TMap TMap Introduction **Instructor Notes:** Lab • Lab 8 Additional notes for instructor

Instructor Notes:

After completing this module, you now know about Dictionary Object, its properties & methods Summary

Instructor Notes:

- 1. Option3:\?
- 2. Event Handler
- 3. Links

Review - Questions

- Question 1: The key of an Dictionary object can be an array. (True / False):
- Question 2: List the properties of a Dictionary object.
- Question 3: Write the syntax of following methods :
 - Add
 - Remove
 - Exists

