1. **What is the use of an immediate window in VBA code window?**

Answer: The immediate window can help us run temporary code and get the instant results. To get the immediate window in the code window we need to go to the menu bar>View>Immediate Window or press CTRL+G.

1. **A created macro needs to be assigned to a button.**

Answer: To assign an existing macro to a button we need to insert the icon or an button from its respective menus, then right click on the image or button click on assign macro. The assign macro dialog box will show up all existing macros present in the current workbook. Choose the macro name and click OK.

1. **How can you stop VBScript when it goes into the infinite loop?**

Answer: Ctrl + Pause/Break is used to stop VBScript if it goes into an infinite loop.

1. **How can you pass arguments to VBA functions?**

Answer: If the arguments are approved to VBA function, the following two ways will help in passing the arguments to VBA functions:

* ByRef – The called procedure may change the value of the argument passed
* ByVal – The called procedure does not want to change the value of the argument passed

1. **How to Run a Macro?**

You can run a macro from the list of macros. On the Developer tab, there’s a button called macros and when you click on this button it gives you a dialog box with a list of macros that you have in all the open workbooks.

1. **Which of the following is the correct syntax for a For-Next loop in VBA?**

A) For variable = start To end step stepValue

B) For variable = start To end

C) For variable = start Step stepValue To end

D) For variable = start To end stepValue

Answer: D) For variable = start To end stepValue

Explanation: The correct syntax for a For-Next loop in VBA is For variable = start To end stepValue, where stepValue is optional.

1. **Which of the following is the correct syntax for a While-Do loop in VBA?**

A) While condition Do statement Loop

B) While condition statement Do Loop

C) While statement Do condition Loop

D) While statement Do Loop condition

Answer: A) While condition Do statement Loop

Explanation: The correct syntax for a While-Do loop in VBA is While condition Do statement Loop.

1. **Which of the following is the correct syntax to close a workbook in VBA?**
   1. A) Workbook.Close
   2. B) Workbooks.Close
   3. C) ActiveWorkbook.Close
   4. D) ThisWorkbook.Close

Answer: C) ActiveWorkbook.Close

1. **What is the purpose of the Do-Until loop in VBA?**

A) To repeat a set of statements a specified number of times

B) To repeat a set of statements until a condition is true

C) To repeat a set of statements until a condition is false

D) To perform a task once

Answer: C) To repeat a set of statements until a condition is false

Explanation: The Do-Until loop in VBA repeats a set of statements until a condition is false. Its syntax is Do Until condition Loop.

1. **What is the purpose of the Do-While loop in VBA?**

A) To repeat a set of statements a specified number of times

B) To repeat a set of statements until a condition is true

C) To repeat a set of statements until a condition is false

D) To perform a task once

Answer: B) To repeat a set of statements until a condition is true

Explanation: The Do-While loop in VBA repeats a set of statements until a condition is true. Its syntax is Do While condition Loop.

1. **Which of the following is the correct syntax for a Select Case statement in VBA?**

A) Select variable Case condition1 statement1 Case condition2 statement2 End Select

B) Select variable Case condition1 statement1 Case condition2 statement2

C) Select variable Case condition1 statement1 Case condition2 statement2 Default statement3 End Select

D) Select variable Case condition1 statement1 Case condition2 statement2 Default statement3

Answer: C) Select variable Case condition1 statement1 Case condition2 statement2 Default statement3 End Select

Explanation: The correct syntax for a Select Case statement in VBA is Select variable Case condition1 statement1 Case condition2 statement2 Default statement3 End Select.

1. **Which of the following is used to define a variable in VBA?**

A) Dim

B) Set

C) Private

D) Public

Answer: A) Dim

Explanation: The Dim keyword is used to define a variable in VBA.

1. **Which of the following data types can be used to store a decimal number in VBA?**

A) Integer

B) Double

C) String

D) Boolean

Answer: B) Double

Explanation: The Double data type can be used to store a decimal number in VBA.

1. **Which of the following is the correct syntax to declare a variable as a string in VBA?**

A) Dim variable As String

B) Dim variable As Integer

C) Dim variable As Double

D) Dim variable As Boolean

Answer: A) Dim variable As String

Explanation: The correct syntax to declare a variable as a string in VBA is Dim variable As String.

1. **Which of the following is the correct syntax to declare a constant in VBA?**

A) Const constantName As dataType = value

B) Constant constantName As dataType = value

C) Const constantName = value

D) Constant constantName = value

Answer: A) Const constantName As dataType = value

1. **Which of the following is the correct syntax to save a workbook in VBA?**

A) Workbook.Save

B) Workbooks.Save

C) ActiveWorkbook.Save

D) ThisWorkbook.Save

Answer: C) ActiveWorkbook.Save

Explanation: The correct syntax to save a workbook in VBA is ActiveWorkbook.Save.

1. **Which of the following is the correct syntax to save a copy of a workbook in VBA?**

A) Workbook.SaveCopyAs “filename”

B) Workbooks.SaveCopyAs “filename”

C) ActiveWorkbook.SaveCopyAs “filename”

D) ThisWorkbook.SaveCopyAs “filename”

Answer: C) ActiveWorkbook.SaveCopyAs “filename”

Explanation: The correct syntax to save a copy of a workbook in VBA is ActiveWorkbook.SaveCopyAs “filename”.

1. **Which of the following is the correct syntax to close a userform in VBA?**

A) Unload UserForm1

B) Close UserForm1

C) UserForm1.Close

D) Hide UserForm1

Answer: A) Unload UserForm1

Explanation: The correct syntax to close a userform in VBA is Unload UserForm1.

1. **Which of the following is the correct syntax to show a userform in VBA?**

A) Show UserForm1

B) UserForm1.Show

C) Display UserForm1

D) UserForm1.Display

Answer: B) UserForm1.Show

Explanation: The correct syntax to show a userform in VBA is UserForm1.Show.

1. **Which of the following is the correct syntax to refer to a worksheet in VBA?**

A) Sheets(“Sheet1”)

B) Worksheet(“Sheet1”)

C) ThisWorkbook.Sheets(“Sheet1”)

D) ThisWorkbook.Worksheet(“Sheet1”)

Answer: A) Sheets(“Sheet1”)

Explanation: The correct syntax to refer to a worksheet in VBA is Sheets(“Sheet1”).

1. **Which of the following is the correct syntax to refer to a range of cells in VBA?**

A) Range(“A1:B10”)

B) Cells(“A1:B10”)

C) ThisWorkbook.Range(“A1:B10”)

D) ThisWorkbook.Cells(“A1:B10”)

Answer: A) Range(“A1:B10”)

Explanation: The correct syntax to refer to a range of cells in VBA is Range(“A1:B10”).

1. **Which of the following is the correct syntax to copy a range of cells in VBA?**

A) Range(“A1:B10”).Copy

B) Copy Range(“A1:B10”)

C) ThisWorkbook.Range(“A1:B10”).Copy

D) ThisWorkbook.Copy Range(“A1:B10”)

Answer: A) Range(“A1:B10”).Copy

Explanation: The correct syntax to copy a range of cells in VBA is Range(“A1:B10”).Copy.

1. **Which of the following is the correct syntax to paste a range of cells in VBA?**

A) Range(“A1:B10”).Paste

B) Paste Range(“A1:B10”)

C) ThisWorkbook.Range(“A1:B10”).Paste

D) ThisWorkbook.Paste Range(“A1:B10”)

Answer: A) Range(“A1:B10”).Paste

Explanation: The correct syntax to paste a range of cells in VBA is Range(“A1:B10”).Paste.

**Which of the following is the correct syntax to clear the contents of a range of cells in** **VBA?**

A) Range(“A1:B10”).ClearContents

B) Clear Range(“A1:B10”)

C) ThisWorkbook.Range(“A1:B10”).ClearContents

D) ThisWorkbook.ClearContents Range(“A1:B10”)

Answer: A) Range(“A1:B10”).ClearContents

Explanation : The correct syntax to clear the contents of a range of cells in VBA is Range(“A1:B10”).ClearContents.

1. **Which of the following is the correct syntax to fill a range of cells with a value in VBA?**

A) Range(“A1:B10”).FillValue = “Hello”

B) Fill Range(“A1:B10”) = “Hello”

C) ThisWorkbook.Range(“A1:B10”).FillValue = “Hello”

D) ThisWorkbook.FillValue Range(“A1:B10”) = “Hello”

Answer: A) Range(“A1:B10”).FillValue = “Hello”

Explanation: The correct syntax to fill a range of cells with a value in VBA is Range(“A1:B10”).FillValue = “Hello”.

1. **Which of the following is the correct syntax to insert a new row in a worksheet in VBA?**

A) Rows(“1:1”).Insert

B) Insert Rows(“1:1”)

C) ThisWorkbook.Rows(“1:1”).Insert

D) ThisWorkbook.Insert Rows(“1:1”)

Answer: A) Rows(“1:1”).Insert

Explanation: The correct syntax to insert a new row in a worksheet in VBA is Rows(“1:1”).Insert.

1. **Which of the following is the correct syntax to delete a row in a worksheet in VBA?**

A) Rows(“1:1”).Delete

B) Delete Rows(“1:1”)

C) ThisWorkbook.Rows(“1:1”).Delete

D) ThisWorkbook.Delete Rows(“1:1”)

Answer: A) Rows(“1:1”).Delete

1. **Which of the following is the correct syntax to delete a column in a worksheet in VBA?**

A) Columns(“A:A”).Delete

B) Delete Columns(“A:A”)

C) ThisWorkbook.Columns(“A:A”).Delete

D) ThisWorkbook.Delete Columns(“A:A”)

Answer: A) Columns(“A:A”).Delete

Explanation: The correct syntax to delete a column in a worksheet in VBA is Columns(“A:A”).Delete.

1. **Which of the following is the correct syntax to set a value to a cell in VBA?**

A) Range(“A1”).Value = “Hello”

B) Set Range(“A1”) = “Hello”

C) ThisWorkbook.Range(“A1”).Value = “Hello”

D) ThisWorkbook.SetValue Range(“A1”), “Hello”

Answer: A) Range(“A1”).Value = “Hello”

Explanation: The correct syntax to set a value to a cell in VBA is Range(“A1”).Value = “Hello”.

1. **Which of the following is the correct syntax to get the value of a cell in VBA?**

A) Range(“A1”).Value

B) Get Range(“A1”)

C) ThisWorkbook.Range(“A1”).Value

D) ThisWorkbook.GetValue Range(“A1”)

Answer: A) Range(“A1”).Value

Explanation: The correct syntax to get the value of a cell in VBA is Range(“A1”).Value.

1. **Which of the following is the correct syntax to get the number of rows in a worksheet in VBA?**

A) Rows.Count

B) Columns.Count

C) ThisWorkbook.Rows.Count

D) ThisWorkbook.Columns.Count

Answer: A) Rows.Count

Explanation: The correct syntax to get the number of rows in a worksheet in VBA is Rows.Count.

1. **Which of the following is the correct syntax to get the number of columns in a worksheet in VBA?**

A) Rows.Count

B) Columns.Count

C) ThisWorkbook.Rows.Count

D) ThisWorkbook.Columns.Count

Answer: B) Columns.Count

Explanation: The correct syntax to get the number of columns in a worksheet in VBA is Columns.Count.

1. **Which of the following is the correct syntax to hide a worksheet in VBA?**

A) Sheet1.Visible = False

B) Hide Sheet1

C) ThisWorkbook.Sheets(“Sheet1”).Visible = False

D) ThisWorkbook.HideSheet(“Sheet1”)

Answer: A) Sheet1.Visible = False

Explanation: The correct syntax to hide a worksheet in VBA is Sheet1.Visible = False.

1. **Which of the following is the correct syntax to unhide a worksheet in VBA?**

A) Sheet1.Visible = True

B) Unhide Sheet1

C) ThisWorkbook.Sheets(“Sheet1”).Visible = True

D) ThisWorkbook.UnhideSheet(“Sheet1”)

Answer: A) Sheet1.Visible = True

Explanation: The correct syntax to unhide a worksheet in VBA is Sheet1.Visible = True.

1. **Which of the following is the correct syntax to protect a worksheet in VBA?**

A) Sheet1.Protect

B) Protect Sheet1

C) ThisWorkbook.Sheets(“Sheet1”).Protect

D) ThisWorkbook.ProtectSheet(“Sheet1”)

Answer: A) Sheet1.Protect

Explanation: The correct syntax to protect a worksheet in VBA is Sheet1.Protect.

1. **Which of the following is the correct syntax to unprotect a worksheet in VBA?**

A) Sheet1.Unprotect

B) Unprotect Sheet1

C) ThisWorkbook.Sheets(“Sheet1”).Unprotect

D) ThisWorkbook.UnprotectSheet(“Sheet1”)

Answer: A) Sheet1.Unprotect

Explanation: The correct syntax to unprotect a worksheet in VBA is Sheet1.Unprotect.

1. **Which of the following is the correct syntax to set the value of a cell based on its row and column numbers in VBA?**

A) Cells(1, 1).Value = “Hello”

B) Set Cell(1, 1) = “Hello”

C) ThisWorkbook.Cells(1, 1).Value = “Hello”

D) ThisWorkbook.SetValue Cell(1, 1), “Hello”

Answer: A) Cells(1, 1).Value = “Hello”