

Namespace ASE_Abhishek_Poudel

Classes

[AppArray](#)

Represents an application-specific array that extends the functionality of the BOOSE.Array class.

[AppCanvas](#)

Represents a canvas for drawing shapes

[AppCommandFactory](#)

Represents an application-specific implementation of the BOOSE.CommandFactory class.

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Represents an application-specific implementation of the BOOSE.For class.

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Represents an application-specific implementation of the BOOSE.If class.

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[AppStoredProgram](#)

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[AppWhile](#)

Represents an application-specific implementation of the BOOSE.While class.

[AppWrite](#)

Represents an application-specific implementation of the BOOSE.CanvasCommand class to write text on the canvas.

[BooseInterpreter](#)

Represents the main form of the application.

Class AppArray


Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific array that extends the functionality of the BOOSE.Array class.

```
public class AppArray : Array, ICommand
```

















Inheritance

[object](#)  ← Command ← Evaluation ← Array ← AppArray

Implements

ICommand

Inherited Members

Array.PEEK , Array.POKE , Array.type , Array.rows , Array.columns , Array.valueInt , Array.valueReal , Array.intArray , Array.realArray , Array.pokeValue , Array.peekVar , Array.rowS , Array.columnS , Array.row , Array.column , Array.ArrayRestrictions() , Array.ReduceRestrictionCounter() , Array.Compile() , [Array.CheckParameters\(string\[\]\)](#)  , Array.Execute() , [Array.ProcessArrayParametersCompile\(bool\)](#)  , [Array.ProcessArrayParametersExecute\(bool\)](#)  , [Array.SetIntArray\(int, int, int\)](#)  , [Array.SetRealArray\(double, int, int\)](#)  , [Array.GetIntArray\(int, int\)](#)  , [Array.GetRealArray\(int, int\)](#)  , Array.Rows , Array.Columns , Evaluation.expression , Evaluation.evaluatedExpression , Evaluation.varName , Evaluation.value , [Evaluation.ProcessExpression\(string\)](#)  , Evaluation.Expression , Evaluation.VarName , Evaluation.Value , Evaluation.Local , Command.program , Command.parameterList , Command.parameters , Command.paramsint , [Command.Set\(StoredProgram, string\)](#)  , [Command.ProcessParameters\(string\)](#)  , Command.ToString() , Command.Program , Command.Name , Command.ParameterList , Command.Parameters , Command.Paramsint , [object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#) 

Constructors

AppArray()

Initializes a new instance of the [AppArray](#) class. This constructor reduces the restriction counter upon instantiation.

```
public AppArray()
```

Class AppCanvas

Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents a canvas for drawing shapes

```
public class AppCanvas : ICanvas
```








Inheritance

[object](#)  ← AppCanvas

Implements

ICanvas

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#) 

Constructors

AppCanvas()

Initializes a new instance of the [AppCanvas](#) class.

```
public AppCanvas()
```

Properties

PenColour

Gets or sets the pen color.

```
public object PenColour { get; set; }
```

Property Value

[object](#)

Xpos

Gets or sets the X position on the canvas.

```
public int Xpos { get; set; }
```

Property Value

[int](#)

Exceptions

CanvasException

Thrown when the X position is out of canvas bounds.

Ypos

Gets or sets the Y position on the canvas.

```
public int Ypos { get; set; }
```

Property Value

[int](#)

Exceptions

CanvasException

Thrown when the Y position is out of canvas bounds.

Methods

Circle(int, bool)

Draws a circle on the canvas.

```
public void Circle(int radius, bool filled)
```

Parameters

radius [int](#)

The radius of the circle.

filled [bool](#)

If set to **true** the circle will be filled.

Exceptions

CanvasException

Thrown when the radius is invalid or graphics object is not initialized.

Clear()

Clears the canvas.

```
public void Clear()
```

Exceptions

CanvasException

Thrown when graphics object is not initialized.

DrawTo(int, int)

Draws a line from the current position to the specified position.

```
public void DrawTo(int toX, int toY)
```

Parameters

toX [int](#)

The X coordinate to draw to.

toY [int](#)

The Y coordinate to draw to.

Exceptions

CanvasException

Thrown when the specified position is out of canvas bounds or graphics object is not initialized.

MoveTo(int, int)

Moves the current position to the specified coordinates.

```
public void MoveTo(int x, int y)
```

Parameters

x [int](#)

The X coordinate to move to.

y [int](#)

The Y coordinate to move to.

Exceptions

CanvasException

Thrown when the specified position is out of canvas bounds.

Rect(int, int, bool)

Draws a rectangle on the canvas.

```
public void Rect(int width, int height, bool filled)
```

Parameters

width [int](#)

The width of the rectangle.

height [int](#)

The height of the rectangle.

filled [bool](#)

If set to **true** the rectangle will be filled.

Exceptions

CanvasException

Thrown when the width or height is invalid or graphics object is not initialized.

Reset()

Resets the current position to (0, 0).

```
public void Reset()
```

Set(int, int)

Sets the size of the canvas and initializes the graphics object.

```
public void Set(int xsize, int ysize)
```

Parameters

xsize [int](#)

The width of the canvas.

ysize [int](#)

The height of the canvas.

SetColour(int, int, int)

Sets the pen color using RGB values.

```
public void SetColour(int red, int green, int blue)
```

Parameters

red [int](#)

The red component of the color.

green [int](#)

The green component of the color.

blue [int](#)

The blue component of the color.

Exceptions

CanvasException

Thrown when the RGB values are out of range.

Tri(int, int)

Draws a triangle on the canvas.

```
public void Tri(int width, int height)
```

Parameters

width [int](#)

The width of the triangle.

height [int](#)

The height of the triangle.

Exceptions

CanvasException

Thrown when the width or height is invalid or graphics object is not initialized.

WriteExceptionMessage(string)

Writes an exception message on the canvas.

```
public void WriteExceptionMessage(string message)
```

Parameters

message [string](#)

The exception message to write.

WriteText(string)

Writes text on the canvas.

```
public void WriteText(string text)
```

Parameters

text [string](#)

The text to write.

Exceptions

CanvasException

Thrown when the text is null or empty or graphics object is not initialized.

getBitmap()

Gets the bitmap of the canvas.

```
public object getBitmap()
```

Returns

[object](#) 

The bitmap of the canvas.

Class AppCommandFactory


Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific implementation of the BOOSE.CommandFactory class.

```
public class AppCommandFactory : CommandFactory, ICommandFactory
```








Inheritance

[object](#)  ← CommandFactory ← AppCommandFactory

Implements

ICommandFactory

Inherited Members

[object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#)  , [object.ToString\(\)](#) 

Constructors

AppCommandFactory()

Initializes a new instance of the [AppCommandFactory](#) class.

```
public AppCommandFactory()
```

Methods

MakeCommand(string)

Creates an instance of a command based on the specified command type.

```
public override ICommand MakeCommand(string commandType)
```

Parameters

`commandType` [string](#) 

The type of command to create.

Returns

`ICommand`

An instance of the specified command type, or the base command if the type is not recognized.

Class AppFor


Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific implementation of the BOOSE.For class.

```
public class AppFor : For, ICommand
```











Inheritance

[object](#)  ← [Command](#) ← [Evaluation](#) ← [Boolean](#) ← [ConditionalCommand](#) ← [For](#) ← AppFor

Implements

ICommand

Inherited Members

[For.Compile\(\)](#) , [For.Execute\(\)](#) , [For.LoopControlV](#) , [For.From](#) , [For.To](#) , [For.Step](#) ,
[ConditionalCommand.endLineNumber](#) , [ConditionalCommand.EndLineNumber](#) ,
[ConditionalCommand.Condition](#) , [ConditionalCommand.LineNumber](#) , [ConditionalCommand.CondType](#) ,
[ConditionalCommand.ReturnLineNumber](#) , [Boolean.BoolValue](#) , [Evaluation.expression](#) ,
[Evaluation.evaluatedExpression](#) , [Evaluation.varName](#) , [Evaluation.value](#) ,
[Evaluation.CheckParameters\(string\[\]\)](#)  , [Evaluation.ProcessExpression\(string\)](#)  , [Evaluation.Expression](#) ,
[Evaluation.VarName](#) , [Evaluation.Value](#) , [Evaluation.Local](#) , [Command.program](#) , [Command.parameterList](#) ,
[Command.parameters](#) , [Command.paramsint](#) , [Command.Set\(StoredProgram, string\)](#)  ,
[Command.ProcessParameters\(string\)](#)  , [Command.ToString\(\)](#) , [Command.Program](#) , [Command.Name](#) ,
[Command.ParameterList](#) , [Command.Parameters](#) , [Command.Paramsint](#) , [object.Equals\(object\)](#)  ,
[object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  ,
[object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#) 

Constructors

AppFor()

Initializes a new instance of the [AppFor](#) class. This constructor outputs a message to the console indicating that the class is working.

```
public AppFor()
```

Methods

Restrictions()

Overrides the For.Restrictions method to provide custom restriction logic. This method outputs a message to the console indicating that the method is working.

```
public override void Restrictions()
```

Class Applf

Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific implementation of the BOOSE.If class.

```
public class AppIf : If, ICommand
```

Inheritance

[object](#) ← Command ← Evaluation ← Boolean ← ConditionalCommand ← CompoundCommand ← If ← Applf

Implements

ICommand

Inherited Members

CompoundCommand.ReduceRestrictions() , [CompoundCommand.CheckParameters\(string\[\]\)](#) ,
CompoundCommand.Compile() , CompoundCommand.CorrespondingCommand ,
ConditionalCommand.endLineNumber , ConditionalCommand.Execute() ,
ConditionalCommand.EndLineNumber , ConditionalCommand.Condition ,
ConditionalCommand.LineNumber , ConditionalCommand.CondType ,
ConditionalCommand.ReturnLineNumber , Boolean.BoolValue , Evaluation.expression ,
Evaluation.evaluatedExpression , Evaluation.varName , Evaluation.value ,
[Evaluation.ProcessExpression\(string\)](#) , Evaluation.Expression , Evaluation.VarName , Evaluation.Value ,
Evaluation.Local , Command.program , Command.parameterList , Command.parameters ,
Command.paramsint , [Command.Set\(StoredProgram, string\)](#) , [Command.ProcessParameters\(string\)](#) ,
Command.ToString() , Command.Program , Command.Name , Command.ParameterList ,
Command.Parameters , Command.Paramsint , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
[object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
[object.ReferenceEquals\(object, object\)](#)

Constructors

AppIf()

Initializes a new instance of the [AppIf](#) class. This constructor outputs a message to the console indicating that the class is working.


```
public AppIf()
```

Methods

Restrictions()

Overrides the `If.Restrictions` method to provide custom restriction logic. This method outputs a message to the console indicating that the method is working.

```
public override void Restrictions()
```

Class AppInt

Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific implementation of the BOOSE.Int class.

```
public class AppInt : Int, ICommand
```











Inheritance

[object](#)  ← [Command](#) ← [Evaluation](#) ← [Int](#) ← [AppInt](#)

Implements

[ICommand](#)

Inherited Members

[Int.Compile\(\)](#) , [Int.Execute\(\)](#) , [Evaluation.expression](#) , [Evaluation.evaluatedExpression](#) , [Evaluation.varName](#) , [Evaluation.value](#) , [Evaluation.CheckParameters\(string\[\]\)](#)  , [Evaluation.ProcessExpression\(string\)](#)  , [Evaluation.Expression](#) , [Evaluation.VarName](#) , [Evaluation.Value](#) , [Evaluation.Local](#) , [Command.program](#) , [Command.parameterList](#) , [Command.parameters](#) , [Command.paramsint](#) , [Command.Set\(StoredProgram, string\)](#)  , [Command.ProcessParameters\(string\)](#)  , [Command.ToString\(\)](#) , [Command.Program](#) , [Command.Name](#) , [Command.ParameterList](#) , [Command.Parameters](#) , [Command.Paramsint](#) , [object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#) 

Constructors

AppInt()

Initializes a new instance of the [AppInt](#) class. This constructor outputs a message to the console indicating that the class is working.

```
public AppInt()
```

Methods

Restrictions()

Overrides the `BOOSE.Int.Restrictions()` method to provide custom restriction logic. This method outputs a message to the debug console indicating that the method is working.

```
public override void Restrictions()
```

Class AppReal

Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific implementation of the BOOSE.Real class.

```
public class AppReal : Real, ICommand
```











Inheritance

[object](#)  ← Command ← Evaluation ← Real ← AppReal

Implements

ICommand

Inherited Members

Real.Compile() , Real.Execute() , Real.Value , Evaluation.expression , Evaluation.evaluatedExpression , Evaluation.varName , Evaluation.value , [Evaluation.CheckParameters\(string\[\]\)](#)  , [Evaluation.ProcessExpression\(string\)](#)  , Evaluation.Expression , Evaluation.VarName , Evaluation.Local , Command.program , Command.parameterList , Command.parameters , Command.paramsint , [Command.Set\(StoredProgram, string\)](#)  , [Command.ProcessParameters\(string\)](#)  , Command.ToString() , Command.Program , Command.Name , Command.ParameterList , Command.Parameters , Command.Paramsint , [object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#) 

Constructors

AppReal()

Initializes a new instance of the [AppReal](#) class. This constructor outputs a message to the debug console indicating that the class is working.

```
public AppReal()
```

Methods

Restrictions()

Overrides the `BOOSE.Real.Restrictions()` method to provide custom restriction logic. This method outputs a message to the debug console indicating that the method is working.

```
public override void Restrictions()
```

Class AppReset

Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific implementation of the BOOSE.CanvasCommand class to reset the canvas.

```
public class AppReset : CanvasCommand, ICommand
```









Inheritance

[object](#)  ← Command ← CanvasCommand ← AppReset

Implements

ICommand

Inherited Members

CanvasCommand.yPos , CanvasCommand.xPos , CanvasCommand.canvas , CanvasCommand.Canvas , Command.program , Command.parameterList , Command.parameters , Command.paramsint , [Command.Set\(StoredProgram, string\)](#)  , Command.Compile() , [Command.ProcessParameters\(string\)](#)  , Command.ToString() , Command.Program , Command.Name , Command.ParameterList , Command.Parameters , Command.Paramsint , [object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#) 

Constructors

AppReset()

Initializes a new instance of the [AppReset](#) class.

```
public AppReset()
```

AppReset(AppCanvas)

Initializes a new instance of the [AppReset](#) class with the specified canvas.

```
public AppReset(AppCanvas canvas)
```

Parameters

canvas [AppCanvas](#)

The canvas to be reset.

Methods

CheckParameters(string[])

Checks the parameters for the reset command.

```
public override void CheckParameters(string[] parameter)
```

Parameters

parameter [string](#)[]

An array of parameters to check.

Execute()

Executes the reset command on the canvas.

```
public override void Execute()
```

Class AppStoredProgram

Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific implementation of the BOOSE.StoredProgram class.

```
public class AppStoredProgram : StoredProgram, IList, ICollection, IEnumerable,
    ICloneable, IStoredProgram
```

Inheritance

[object](#) ← [ArrayList](#) ← [StoredProgram](#) ← [AppStoredProgram](#)

Implements

[IList](#), [ICollection](#), [IEnumerable](#), [ICloneable](#), [IStoredProgram](#)

Inherited Members

[StoredProgram.SyntaxOk](#), [StoredProgram.AddMethod\(Method\)](#), [StoredProgram.GetMethod\(string\)](#), [StoredProgram.AddVariable\(Evaluation\)](#), [StoredProgram.GetVariable\(string\)](#), [StoredProgram.GetVariable\(int\)](#), [StoredProgram.FindVariable\(Evaluation\)](#), [StoredProgram.FindVariable\(string\)](#), [StoredProgram.VariableExists\(string\)](#), [StoredProgram.GetVarValue\(string\)](#), [StoredProgram.UpdateVariable\(string, int\)](#), [StoredProgram.UpdateVariable\(string, double\)](#), [StoredProgram.UpdateVariable\(string, bool\)](#), [StoredProgram.DeleteVariable\(string\)](#), [StoredProgram.IsExpression\(string\)](#), [StoredProgram.EvaluateExpressionWithString\(string\)](#), [StoredProgram.EvaluateExpression\(string\)](#), [StoredProgram.Push\(ConditionalCommand\)](#), [StoredProgram.Pop\(\)](#), [StoredProgram.Add\(Command\)](#), [StoredProgram.NextCommand\(\)](#), [StoredProgram.ResetProgram\(\)](#), [StoredProgram.CommandsLeft\(\)](#), [StoredProgram.PC](#), [ArrayList.Adapter\(IList\)](#), [ArrayList.Add\(object\)](#), [ArrayList.AddRange\(ICollection\)](#), [ArrayList.BinarySearch\(int, int, object, IComparer\)](#), [ArrayList.BinarySearch\(object\)](#), [ArrayList.BinarySearch\(object, IComparer\)](#), [ArrayList.Clear\(\)](#), [ArrayList.Clone\(\)](#), [ArrayList.Contains\(object\)](#), [ArrayList.CopyTo\(Array\)](#), [ArrayList.CopyTo\(Array, int\)](#), [ArrayList.CopyTo\(int, Array, int, int\)](#), [ArrayList.FixedSize\(ArrayList\)](#), [ArrayList.FixedSize\(IList\)](#), [ArrayList.GetEnumerator\(\)](#), [ArrayList.GetEnumerator\(int, int\)](#), [ArrayList.GetRange\(int, int\)](#), [ArrayList.IndexOf\(object\)](#), [ArrayList.IndexOf\(object, int\)](#), [ArrayList.IndexOf\(object, int, int\)](#), [ArrayList.Insert\(int, object\)](#), [ArrayList.InsertRange\(int, ICollection\)](#), [ArrayList.LastIndexOf\(object\)](#), [ArrayList.LastIndexOf\(object, int\)](#), [ArrayList.LastIndexOf\(object, int, int\)](#), [ArrayList.ReadOnly\(ArrayList\)](#), [ArrayList.ReadOnly\(IList\)](#), [ArrayList.Remove\(object\)](#), [ArrayList.RemoveAt\(int\)](#), [ArrayList.RemoveRange\(int, int\)](#), [ArrayList.Repeat\(object, int\)](#), [ArrayList.Reverse\(\)](#), [ArrayList.Reverse\(int, int\)](#), [ArrayList.SetRange\(int, ICollection\)](#),

[ArrayList.Sort\(\)](#) , [ArrayList.Sort\(IComparer\)](#) , [ArrayList.Sort\(int, int, IComparer\)](#) , [ArrayList.Synchronized\(ArrayList\)](#) , [ArrayList.Synchronized\(IList\)](#) , [ArrayList.ToArray\(\)](#) , [ArrayList.ToArray\(Type\)](#) , [ArrayList.TrimToSize\(\)](#) , [ArrayList.Capacity](#) , [ArrayList.Count](#) , [ArrayList.IsFixedSize](#) , [ArrayList.IsReadOnly](#) , [ArrayList.IsSynchronized](#) , [ArrayList.this\[int\]](#) , [ArrayList.SyncRoot](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

AppStoredProgram(ICanvas)

Initializes a new instance of the [AppStoredProgram](#) class with the specified canvas.

```
public AppStoredProgram(ICanvas canvas)
```

Parameters

canvas ICanvas

The canvas on which the stored program will execute.

Methods

Run()

Runs the stored program, executing each command in sequence.

```
public override void Run()
```

Exceptions

RestrictionException

Thrown when the execution cycle limit is exceeded.

StoredProgramException

Thrown when a BOOSEException occurs or the safe execution cycle threshold is exceeded.

Class AppWhile


Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific implementation of the BOOSE.While class.

```
public class AppWhile : While, ICommand
```











Inheritance

[object](#)  ← Command ← Evaluation ← Boolean ← ConditionalCommand ← CompoundCommand ← While ← AppWhile

Implements

ICommand

Inherited Members

CompoundCommand.ReduceRestrictions() , [CompoundCommand.CheckParameters\(string\[\]\)](#)  ,
CompoundCommand.Compile() , CompoundCommand.CorrespondingCommand ,
ConditionalCommand.endLineNumber , ConditionalCommand.Execute() ,
ConditionalCommand.EndLineNumber , ConditionalCommand.Condition ,
ConditionalCommand.LineNumber , ConditionalCommand.CondType ,
ConditionalCommand.ReturnLineNumber , Boolean.Restrictions() , Boolean.BoolValue ,
Evaluation.expression , Evaluation.evaluatedExpression , Evaluation.varName , Evaluation.value ,
[Evaluation.ProcessExpression\(string\)](#)  , Evaluation.Expression , Evaluation.VarName , Evaluation.Value ,
Evaluation.Local , Command.program , Command.parameterList , Command.parameters ,
Command.paramsint , [Command.Set\(StoredProgram, string\)](#)  , [Command.ProcessParameters\(string\)](#)  ,
Command.ToString() , Command.Program , Command.Name , Command.ParameterList ,
Command.Parameters , Command.Paramsint , [object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  ,
[object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  ,
[object.ReferenceEquals\(object, object\)](#) 

Constructors

AppWhile()

Initializes a new instance of the [AppWhile](#) class. This constructor reduces the restrictions upon instantiation.

```
public AppWhile()
```

Class AppWrite

Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents an application-specific implementation of the BOOSE.CanvasCommand class to write text on the canvas.

```
public class AppWrite : CanvasCommand, ICommand
```









Inheritance

[object](#)  ← Command ← CanvasCommand ← AppWrite

Implements

ICommand

Inherited Members

CanvasCommand.yPos , CanvasCommand.xPos , CanvasCommand.canvas , CanvasCommand.Canvas , Command.program , Command.parameterList , Command.parameters , Command.paramsint , [Command.Set\(StoredProgram, string\)](#)  , Command.Compile() , [Command.ProcessParameters\(string\)](#)  , Command.ToString() , Command.Program , Command.Name , Command.ParameterList , Command.Parameters , Command.Paramsint , [object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#) 

Constructors

AppWrite()

Initializes a new instance of the [AppWrite](#) class.

```
public AppWrite()
```

AppWrite(Canvas, string)

Initializes a new instance of the [AppWrite](#) class with the specified canvas and number.

```
public AppWrite(Canvas c, string number)
```

Parameters

c Canvas

The canvas on which the text will be written.

number [string](#)

The number to be written on the canvas.

Methods

CheckParameters(string[])

Checks the parameters for the write command.

```
public override void CheckParameters(string[] parameter)
```

Parameters

parameter [string](#)[]

An array of parameters to check.

Execute()

Executes the write command, evaluating the expression and writing the result on the canvas.

```
public override void Execute()
```

Class BooseInterpreter

Namespace: [ASE Abhishek Poudel](#)

Assembly: ASE Abhishek Poudel.dll

Represents the main form of the application.

```
public class BooseInterpreter : Form, IDropTarget, ISynchronizeInvoke, IWin32Window,
    IBindableComponent, IComponent, IDisposable, IContainerControl
```

Inheritance

[object](#) ← [MarshalByRefObject](#) ← [Component](#) ← [Control](#) ← [ScrollableControl](#) ← [ContainerControl](#) ← [Form](#) ← BooseInterpreter

Implements

[IDropTarget](#), [ISynchronizeInvoke](#), [IWin32Window](#), [IBindableComponent](#), [IComponent](#), [IDisposable](#), [IContainerControl](#)

Inherited Members

[Form.SetVisibleCore\(bool\)](#), [Form.Activate\(\)](#), [Form.ActivateMdiChild\(Form\)](#), [Form.AddOwnedForm\(Form\)](#), [Form.AdjustFormScrollbars\(bool\)](#), [Form.Close\(\)](#), [Form.CreateAccessibilityInstance\(\)](#), [Form.CreateControlsInstance\(\)](#), [Form.CreateHandle\(\)](#), [Form.DefWndProc\(ref Message\)](#), [Form.ProcessMnemonic\(char\)](#), [Form.CenterToParent\(\)](#), [Form.CenterToScreen\(\)](#), [Form.LayoutMdi\(MdiLayout\)](#), [Form.OnActivated\(EventArgs\)](#), [Form.OnBackgroundImageChanged\(EventArgs\)](#), [Form.OnBackgroundImageLayoutChanged\(EventArgs\)](#), [Form.OnClosing\(CancelEventArgs\)](#), [Form.OnClosed\(EventArgs\)](#), [Form.OnFormClosing\(FormClosingEventArgs\)](#), [Form.OnFormClosed\(FormClosedEventArgs\)](#), [Form.OnCreateControl\(\)](#), [Form.OnDeactivate\(EventArgs\)](#), [Form.OnEnabledChanged\(EventArgs\)](#), [Form.OnEnter\(EventArgs\)](#), [Form.OnFontChanged\(EventArgs\)](#), [Form.OnGotFocus\(EventArgs\)](#), [Form.OnHandleCreated\(EventArgs\)](#), [Form.OnHandleDestroyed\(EventArgs\)](#), [Form.OnHelpButtonClicked\(CancelEventArgs\)](#), [Form.OnLayout\(LayoutEventArgs\)](#), [Form.OnLoad\(EventArgs\)](#), [Form.OnMaximizedBoundsChanged\(EventArgs\)](#), [Form.OnMaximumSizeChanged\(EventArgs\)](#), [Form.OnMinimumSizeChanged\(EventArgs\)](#), [Form.OnInputLanguageChanged\(InputLanguageChangedEventArgs\)](#), [Form.OnInputLanguageChanging\(InputLanguageChangingEventArgs\)](#), [Form.OnVisibleChanged\(EventArgs\)](#), [Form.OnMdiChildActivate\(EventArgs\)](#), [Form.OnMenuStart\(EventArgs\)](#), [Form.OnMenuComplete\(EventArgs\)](#), [Form.OnPaint\(PaintEventArgs\)](#), [Form.OnResize\(EventArgs\)](#), [Form.OnDpiChanged\(DpiChangedEventArgs\)](#), [Form.OnGetDpiScaledSize\(int, int, ref Size\)](#),

[Form.OnRightToLeftLayoutChanged\(EventArgs\)](#), [Form.OnShown\(EventArgs\)](#),
[Form.OnTextChanged\(EventArgs\)](#), [Form.ProcessCmdKey\(ref Message, Keys\)](#),
[Form.ProcessDialogKey\(Keys\)](#), [Form.ProcessDialogChar\(char\)](#),
[Form.ProcessKeyPreview\(ref Message\)](#), [Form.ProcessTabKey\(bool\)](#),
[Form.RemoveOwnedForm\(Form\)](#), [Form.Select\(bool, bool\)](#),
[Form.ScaleMinMaxSize\(float, float, bool\)](#),
[Form.GetScaledBounds\(Rectangle, SizeF, BoundsSpecified\)](#),
[Form.ScaleControl\(SizeF, BoundsSpecified\)](#), [Form.SetBoundsCore\(int, int, int, int, BoundsSpecified\)](#),
[Form.SetClientSizeCore\(int, int\)](#), [Form.SetDesktopBounds\(int, int, int, int\)](#),
[Form.SetDesktopLocation\(int, int\)](#), [Form.Show\(IWin32Window\)](#), [Form.ShowDialog\(\)](#),
[Form.ShowDialog\(IWin32Window\)](#), [Form.ToString\(\)](#), [Form.UpdateDefaultButton\(\)](#),
[Form.OnResizeBegin\(EventArgs\)](#), [Form.OnResizeEnd\(EventArgs\)](#),
[Form.OnStyleChanged\(EventArgs\)](#), [Form.ValidateChildren\(\)](#),
[Form.ValidateChildren\(ValidationConstraints\)](#), [Form.WndProc\(ref Message\)](#), [Form.AcceptButton](#),
[Form.ActiveForm](#), [Form.ActiveMdiChild](#), [Form.AllowTransparency](#), [Form.AutoScroll](#),
[Form.AutoSize](#), [Form.AutoSizeMode](#), [Form.AutoValidate](#), [Form.BackColor](#),
[Form.FormBorderStyle](#), [Form.CancelButton](#), [Form.ClientSize](#), [Form.ControlBox](#),
[Form.CreateParams](#), [Form.DefaultImeMode](#), [Form.DefaultSize](#), [Form.DesktopBounds](#),
[Form.DesktopLocation](#), [Form.DialogResult](#), [Form.HelpButton](#), [Form.Icon](#), [Form.IsMdiChild](#),
[Form.IsMdiContainer](#), [Form.IsRestrictedWindow](#), [Form.KeyPreview](#), [Form.Location](#),
[Form.MaximizedBounds](#), [Form.MaximumSize](#), [Form.MainMenuStrip](#), [Form.MinimumSize](#),
[Form.MaximizeBox](#), [Form.MdiChildren](#), [Form.MdiChildrenMinimizedAnchorBottom](#),
[Form.MdiParent](#), [Form.MinimizeBox](#), [Form.Modal](#), [Form.Opacity](#), [Form.OwnedForms](#),
[Form.Owner](#), [Form.RestoreBounds](#), [Form.RightToLeftLayout](#), [Form.ShowInTaskbar](#),
[Form.ShowIcon](#), [Form.ShowWithoutActivation](#), [Form.Size](#), [Form.SizeGripStyle](#),
[Form.StartPosition](#), [Form.Text](#), [Form.TopLevel](#), [Form.TopMost](#), [Form.TransparencyKey](#),
[Form.WindowState](#), [Form.AutoSizeChanged](#), [Form.AutoValidateChanged](#),
[Form.HelpButtonClicked](#), [Form.MaximizedBoundsChanged](#), [Form.MaximumSizeChanged](#),
[Form.MinimumSizeChanged](#), [Form.Activated](#), [Form.Deactivate](#), [Form.FormClosing](#),
[Form.FormClosed](#), [Form.Load](#), [Form.MdiChildActivate](#), [Form.MenuComplete](#),
[Form.MenuStart](#), [Form.InputLanguageChanged](#), [Form.InputLanguageChanging](#),
[Form.RightToLeftLayoutChanged](#), [Form.Shown](#), [Form.DpiChanged](#), [Form.ResizeBegin](#),
[Form.ResizeEnd](#), [ContainerControl.OnAutoValidateChanged\(EventArgs\)](#),
[ContainerControl.OnMove\(EventArgs\)](#), [ContainerControl.OnParentChanged\(EventArgs\)](#),
[ContainerControl.PerformAutoScale\(\)](#), [ContainerControl.RescaleConstantsForDpi\(int, int\)](#),
[ContainerControl.Validate\(\)](#), [ContainerControl.Validate\(bool\)](#),
[ContainerControl.AutoScaleDimensions](#), [ContainerControl.AutoScaleFactor](#),
[ContainerControl.AutoScaleMode](#), [ContainerControl.BindingContext](#),
[ContainerControl.CanEnableIme](#), [ContainerControl.ActiveControl](#),
[ContainerControl.CurrentAutoScaleDimensions](#), [ContainerControl.ParentForm](#),

[ScrollableControl.ScrollStateAutoScrolling](#) , [ScrollableControl.ScrollStateHScrollVisible](#) ,
[ScrollableControl.ScrollStateVScrollVisible](#) , [ScrollableControl.ScrollStateUserHasScrolled](#) ,
[ScrollableControl.ScrollStateFullDrag](#) , [ScrollableControl.GetScrollState\(int\)](#) ,
[ScrollableControl.OnMouseWheel\(MouseEventArgs\)](#) ,
[ScrollableControl.OnRightToLeftChanged\(EventArgs\)](#) ,
[ScrollableControl.OnPaintBackground\(PaintEventArgs\)](#) ,
[ScrollableControl.OnPaddingChanged\(EventArgs\)](#) , [ScrollableControl.SetDisplayRectLocation\(int, int\)](#) ,
[ScrollableControl.ScrollControlIntoView\(Control\)](#) , [ScrollableControl.ScrollToControl\(Control\)](#) ,
[ScrollableControl.OnScroll\(ScrollEventArgs\)](#) , [ScrollableControl.SetAutoScrollMargin\(int, int\)](#) ,
[ScrollableControl.SetScrollState\(int, bool\)](#) , [ScrollableControl.AutoScrollMargin](#) ,
[ScrollableControl.AutoScrollPosition](#) , [ScrollableControl.AutoScrollMinSize](#) ,
[ScrollableControl.DisplayRectangle](#) , [ScrollableControl.HScroll](#) , [ScrollableControl.HorizontalScroll](#) ,
[ScrollableControl.VScroll](#) , [ScrollableControl.VerticalScroll](#) , [ScrollableControl.Scroll](#) ,
[Control.GetAccessibilityObjectById\(int\)](#) , [Control.SetAutoSizeMode\(AutoSizeMode\)](#) ,
[Control.GetAutoSizeMode\(\)](#) , [Control.GetPreferredSize\(Size\)](#) ,
[Control.AccessibilityNotifyClients\(AccessibleEvents, int\)](#) ,
[Control.AccessibilityNotifyClients\(AccessibleEvents, int, int\)](#) , [Control.BeginInvoke\(Delegate\)](#) ,
[Control.BeginInvoke\(Action\)](#) , [Control.BeginInvoke\(Delegate, params object\[\]\)](#) ,
[Control.BringToFront\(\)](#) , [Control.Contains\(Control\)](#) , [Control.CreateGraphics\(\)](#) ,
[Control.CreateControl\(\)](#) , [Control.DestroyHandle\(\)](#) , [Control.DoDragDrop\(object, DragDropEffects\)](#) ,
[Control.DoDragDrop\(object, DragDropEffects, Bitmap, Point, bool\)](#) ,
[Control.DrawToBitmap\(Bitmap, Rectangle\)](#) , [Control.EndInvoke\(IAsyncResult\)](#) , [Control.FindForm\(\)](#) ,
[Control.GetTopLevel\(\)](#) , [Control.RaiseKeyEvent\(object, KeyEventArgs\)](#) ,
[Control.RaiseMouseEvent\(object, MouseEventArgs\)](#) , [Control.Focus\(\)](#) ,
[Control.FromChildHandle\(nint\)](#) , [Control.FromHandle\(nint\)](#) ,
[Control.GetChildAtPoint\(Point, GetChildAtPointSkip\)](#) , [Control.GetChildAtPoint\(Point\)](#) ,
[Control.GetContainerControl\(\)](#) , [Control.GetNextControl\(Control, bool\)](#) ,
[Control.GetStyle\(ControlStyles\)](#) , [Control.Hide\(\)](#) , [Control.InitLayout\(\)](#) , [Control.Invalidate\(Region\)](#) ,
[Control.Invalidate\(Region, bool\)](#) , [Control.Invalidate\(\)](#) , [Control.Invalidate\(bool\)](#) ,
[Control.Invalidate\(Rectangle\)](#) , [Control.Invalidate\(Rectangle, bool\)](#) , [Control.Invoke\(Action\)](#) ,
[Control.Invoke\(Delegate\)](#) , [Control.Invoke\(Delegate, params object\[\]\)](#) ,
[Control.Invoke<T>\(Func<T>\)](#) , [Control.InvokePaint\(Control, PaintEventArgs\)](#) ,
[Control.InvokePaintBackground\(Control, PaintEventArgs\)](#) , [Control.IsKeyLocked\(Keys\)](#) ,
[Control.IsInputChar\(char\)](#) , [Control.IsInputKey\(Keys\)](#) , [Control.IsMnemonic\(char, string\)](#) ,
[Control.LogicalToDeviceUnits\(int\)](#) , [Control.LogicalToDeviceUnits\(Size\)](#) ,
[Control.ScaleBitmapLogicalToDevice\(ref Bitmap\)](#) , [Control.NotifyInvalidate\(Rectangle\)](#) ,
[Control.InvokeOnClick\(Control, EventArgs\)](#) , [Control.OnAutoSizeChanged\(EventArgs\)](#) ,
[Control.OnBackColorChanged\(EventArgs\)](#) , [Control.OnBindingContextChanged\(EventArgs\)](#) ,
[Control.OnCausesValidationChanged\(EventArgs\)](#) , [Control.OnContextMenuStripChanged\(EventArgs\)](#) ,
[Control.OnCursorChanged\(EventArgs\)](#) , [Control.OnDataContextChanged\(EventArgs\)](#) ,

[Control.OnDockChanged\(EventArgs\)](#), [Control.OnForeColorChanged\(EventArgs\)](#),
[Control.OnNotifyMessage\(Message\)](#), [Control.OnParentBackColorChanged\(EventArgs\)](#),
[Control.OnParentBackgroundImageChanged\(EventArgs\)](#),
[Control.OnParentBindingContextChanged\(EventArgs\)](#), [Control.OnParentCursorChanged\(EventArgs\)](#),
[Control.OnParentDataContextChanged\(EventArgs\)](#), [Control.OnParentEnabledChanged\(EventArgs\)](#),
[Control.OnParentFontChanged\(EventArgs\)](#), [Control.OnParentForeColorChanged\(EventArgs\)](#),
[Control.OnParentRightToLeftChanged\(EventArgs\)](#), [Control.OnParentVisibleChanged\(EventArgs\)](#),
[Control.OnPrint\(PaintEventArgs\)](#), [Control.OnTabIndexChanged\(EventArgs\)](#),
[Control.OnTabStopChanged\(EventArgs\)](#), [Control.OnClick\(EventArgs\)](#),
[Control.OnClientSizeChanged\(EventArgs\)](#), [Control.OnControlAdded\(ControlEventArgs\)](#),
[Control.OnControlRemoved\(ControlEventArgs\)](#), [Control.OnLocationChanged\(EventArgs\)](#),
[Control.OnDoubleClick\(EventArgs\)](#), [Control.OnDragEnter\(DragEventArgs\)](#),
[Control.OnDragOver\(DragEventArgs\)](#), [Control.OnDragLeave\(EventArgs\)](#),
[Control.OnDragDrop\(DragEventArgs\)](#), [Control.OnGiveFeedback\(GiveFeedbackEventArgs\)](#),
[Control.InvokeGotFocus\(Control, EventArgs\)](#), [Control.OnHelpRequested\(HelpEventArgs\)](#),
[Control.OnInvalidated\(InvalidateEventArgs\)](#), [Control.OnKeyDown\(KeyEventArgs\)](#),
[Control.OnKeyPress\(KeyPressEventArgs\)](#), [Control.OnKeyUp\(KeyEventArgs\)](#),
[Control.OnLeave\(EventArgs\)](#), [Control.InvokeLostFocus\(Control, EventArgs\)](#),
[Control.OnLostFocus\(EventArgs\)](#), [Control.OnMarginChanged\(EventArgs\)](#),
[Control.OnMouseDoubleClick\(MouseEventArgs\)](#), [Control.OnMouseClick\(MouseEventArgs\)](#),
[Control.OnMouseCaptureChanged\(EventArgs\)](#), [Control.OnMouseDown\(MouseEventArgs\)](#),
[Control.OnMouseEnter\(EventArgs\)](#), [Control.OnMouseLeave\(EventArgs\)](#),
[Control.OnDpiChangedBeforeParent\(EventArgs\)](#), [Control.OnDpiChangedAfterParent\(EventArgs\)](#),
[Control.OnMouseHover\(EventArgs\)](#), [Control.OnMouseMove\(MouseEventArgs\)](#),
[Control.OnMouseUp\(MouseEventArgs\)](#),
[Control.OnQueryContinueDrag\(QueryContinueDragEventArgs\)](#),
[Control.OnRegionChanged\(EventArgs\)](#), [Control.OnPreviewKeyDown\(PreviewKeyDownEventArgs\)](#),
[Control.OnSizeChanged\(EventArgs\)](#), [Control.OnChangeUICues\(UICuesEventArgs\)](#),
[Control.OnSystemColorsChanged\(EventArgs\)](#), [Control.OnValidating\(CancelEventArgs\)](#),
[Control.OnValidated\(EventArgs\)](#), [Control.PerformLayout\(\)](#), [Control.PerformLayout\(Control, string\)](#),
[Control.PointToClient\(Point\)](#), [Control.PointToScreen\(Point\)](#),
[Control.PreProcessMessage\(ref Message\)](#), [Control.PreProcessControlMessage\(ref Message\)](#),
[Control.ProcessKeyEventArgs\(ref Message\)](#), [Control.ProcessKeyMessage\(ref Message\)](#),
[Control.RaiseDragEvent\(object, DragEventArgs\)](#), [Control.RaisePaintEvent\(object, PaintEventArgs\)](#),
[Control.RecreateHandle\(\)](#), [Control.RectangleToClient\(Rectangle\)](#),
[Control.RectangleToScreen\(Rectangle\)](#), [Control.ReflectMessage\(nint, ref Message\)](#),
[Control.Refresh\(\)](#), [Control.ResetMouseEventArgs\(\)](#), [Control.ResetText\(\)](#), [Control.ResumeLayout\(\)](#),
[Control.ResumeLayout\(bool\)](#), [Control.Scale\(SizeF\)](#), [Control.Select\(\)](#),
[Control.SelectNextControl\(Control, bool, bool, bool, bool\)](#), [Control.SendToBack\(\)](#),
[Control.SetBounds\(int, int, int, int\)](#), [Control.SetBounds\(int, int, int, int, BoundsSpecified\)](#),

[Control.SizeFromClientSize\(Size\)](#), [Control.SetStyle\(ControlStyles, bool\)](#), [Control.SetTopLevel\(bool\)](#), [Control.RtlTranslateAlignment\(HorizontalAlignment\)](#), [Control.RtlTranslateAlignment\(LeftRightAlignment\)](#), [Control.RtlTranslateAlignment\(ContentAlignment\)](#), [Control.RtlTranslateHorizontal\(HorizontalAlignment\)](#), [Control.RtlTranslateLeftRight\(LeftRightAlignment\)](#), [Control.RtlTranslateContent\(ContentAlignment\)](#), [Control.Show\(\)](#), [Control.SuspendLayout\(\)](#), [Control.Update\(\)](#), [Control.UpdateBounds\(\)](#), [Control.UpdateBounds\(int, int, int, int\)](#), [Control.UpdateBounds\(int, int, int, int, int, int\)](#), [Control.UpdateZOrder\(\)](#), [Control.UpdateStyles\(\)](#), [Control.OnImeModeChanged\(EventArgs\)](#), [Control.AccessibilityObject](#), [Control.AccessibleDefaultActionDescription](#), [Control.AccessibleDescription](#), [Control.AccessibleName](#), [Control.AccessibleRole](#), [Control.AllowDrop](#), [Control.Anchor](#), [Control.AutoScrollOffset](#), [Control.LayoutEngine](#), [Control.DataContext](#), [Control.BackgroundImage](#), [Control.BackgroundImageLayout](#), [Control.Bottom](#), [Control.Bounds](#), [Control.CanFocus](#), [Control.CanRaiseEvents](#), [Control.CanSelect](#), [Control.Capture](#), [Control.CausesValidation](#), [Control.CheckForIllegalCrossThreadCalls](#), [Control.ClientRectangle](#), [Control.CompanyName](#), [Control.ContainsFocus](#), [Control.ContextMenuStrip](#), [Control.Controls](#), [Control.Created](#), [Control.Cursor](#), [Control.DataBindings](#), [Control.DefaultBackColor](#), [Control.DefaultCursor](#), [Control.DefaultFont](#), [Control.DefaultForeColor](#), [Control.DefaultMargin](#), [Control.DefaultMaximumSize](#), [Control.DefaultMinimumSize](#), [Control.DefaultPadding](#), [Control.DeviceDpi](#), [Control.IsDisposed](#), [Control.Disposing](#), [Control.Dock](#), [Control.DoubleBuffered](#), [Control.Enabled](#), [Control.Focused](#), [Control.Font](#), [Control.FontHeight](#), [Control.ForeColor](#), [Control.Handle](#), [Control.HasChildren](#), [Control.Height](#), [Control.IsHandleCreated](#), [Control.InvokeRequired](#), [Control.IsAccessible](#), [Control.IsAncestorSiteInDesignMode](#), [Control.IsMirrored](#), [Control.Left](#), [Control.Margin](#), [Control.ModifierKeys](#), [Control.MouseButtons](#), [Control.MousePosition](#), [Control.Name](#), [Control.Parent](#), [Control.ProductName](#), [Control.ProductVersion](#), [Control.RecreatingHandle](#), [Control.Region](#), [Control.RenderRightToLeft](#), [Control.ResizeRedraw](#), [Control.Right](#), [Control.RightToLeft](#), [Control.ScaleChildren](#), [Control.Site](#), [Control.TabIndex](#), [Control.TabStop](#), [Control.Tag](#), [Control.Top](#), [Control.TopLevelControl](#), [Control.ShowKeyboardCues](#), [Control.ShowFocusCues](#), [Control.UseWaitCursor](#), [Control.Visible](#), [Control.Width](#), [Control.PreferredSize](#), [Control.Padding](#), [Control.ImeMode](#), [Control.ImeModeBase](#), [Control.PropagatingImeMode](#), [Control.BackColorChanged](#), [Control.BackgroundImageChanged](#), [Control.BackgroundImageLayoutChanged](#), [Control.BindingContextChanged](#), [Control.CausesValidationChanged](#), [Control.ClientSizeChanged](#), [Control.ContextMenuStripChanged](#), [Control.CursorChanged](#), [Control.DockChanged](#), [Control.EnabledChanged](#), [Control.FontChanged](#), [Control.ForeColorChanged](#), [Control.LocationChanged](#), [Control.MarginChanged](#), [Control.RegionChanged](#), [Control.RightToLeftChanged](#), [Control.SizeChanged](#), [Control.TabIndexChanged](#), [Control.TabStopChanged](#), [Control.TextChanged](#), [Control.VisibleChanged](#), [Control.Click](#),

[Control.ControlAdded](#) , [Control.ControlRemoved](#) , [Control.DataContextChanged](#) ,
[Control.DragDrop](#) , [Control.DragEnter](#) , [Control.DragOver](#) , [Control.DragLeave](#) ,
[Control.GiveFeedback](#) , [Control.HandleCreated](#) , [Control.HandleDestroyed](#) ,
[Control.HelpRequested](#) , [Control.Invalidated](#) , [Control.PaddingChanged](#) , [Control.Paint](#) ,
[Control.QueryContinueDrag](#) , [Control.QueryAccessibilityHelp](#) , [Control.DoubleClick](#) ,
[Control.Enter](#) , [Control.GotFocus](#) , [Control.KeyDown](#) , [Control.KeyPress](#) , [Control.KeyUp](#) ,
[Control.Layout](#) , [Control.Leave](#) , [Control.LostFocus](#) , [Control.MouseClick](#) ,
[Control.MouseDoubleClick](#) , [Control.MouseCaptureChanged](#) , [Control.MouseDown](#) ,
[Control.MouseEnter](#) , [Control.MouseLeave](#) , [Control.DpiChangedBeforeParent](#) ,
[Control.DpiChangedAfterParent](#) , [Control.MouseHover](#) , [Control.MouseMove](#) , [Control.MouseUp](#) ,
[Control.MouseWheel](#) , [Control.Move](#) , [Control.PreviewKeyDown](#) , [Control.Resize](#) ,
[Control.ChangeUICues](#) , [Control.StyleChanged](#) , [Control.SystemColorsChanged](#) ,
[Control.Validating](#) , [Control.Validated](#) , [Control.ParentChanged](#) , [Control.ImeModeChanged](#) ,
[Component.Dispose\(\)](#) , [Component.GetService\(Type\)](#) , [Component.Container](#) ,
[Component.DesignMode](#) , [Component.Events](#) , [Component.Disposed](#) ,
[MarshalByRefObject.GetLifetimeService\(\)](#) , [MarshalByRefObject.InitializeLifetimeService\(\)](#) ,
[MarshalByRefObject.MemberwiseClone\(bool\)](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
[object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
[object.ReferenceEquals\(object, object\)](#)

Constructors

BooseInterpreter()

Initializes a new instance of the [BooseInterpreter](#) class.

```
public BooseInterpreter()
```

Methods

Dispose(bool)

Clean up any resources being used.

```
protected override void Dispose(bool disposing)
```

Parameters

disposing [bool](#)

true if managed resources should be disposed; otherwise, false.

Namespace ASE_Abhishek_Poudel.Tests

Classes

[AppCanvasTests](#)

Contains unit tests for the [AppCanvas](#) class.

Class AppCanvasTests

Namespace: [ASE Abhishek Poudel.Tests](#)

Assembly: ASE Abhishek Poudel Tests.dll

Contains unit tests for the [AppCanvas](#) class.

```
[TestClass]  
public class AppCanvasTests
```

Inheritance

[object](#) ← AppCanvasTests

Inherited Members

[object.Equals\(object\)](#), [object.Equals\(object, object\)](#), [object.GetHashCode\(\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

Methods

DrawTo_UpdatesPenPosition_Test()

Tests that the [DrawTo\(int, int\)](#) method updates the pen position correctly.

```
[TestMethod]  
public void DrawTo_UpdatesPenPosition_Test()
```

MoveTo_Test_UpdatesPenPosition()

Tests that the [MoveTo\(int, int\)](#) method updates the pen position correctly.

```
[TestMethod]  
public void MoveTo_Test_UpdatesPenPosition()
```

Multi_line_method()

Tests multiple canvas operations sequentially for integration testing.

```
[TestMethod]
public void Multi_line_method()
```

Test_AddIntegers()

Tests a method that adds two integers.

```
[TestMethod]
public void Test_AddIntegers()
```

Test_AllPositive_IfStatement()

Tests that all elements in an integer array are positive.

```
[TestMethod]
public void Test_AllPositive_IfStatement()
```

Test_AverageRealArray()

Tests calculating the average of elements in a real number array.

```
[TestMethod]
public void Test_AverageRealArray()
```

Test_AverageRealNumbers()

Tests a method that calculates the average of two real numbers.

```
[TestMethod]
public void Test_AverageRealNumbers()
```

Test_MaxValue_WhileLoop()

Tests finding the maximum value in a real array using a while loop.

```
[TestMethod]  
public void Test_MaxValue_WhileLoop()
```

Test_SumArray_ForLoop()

Tests summing all elements in an integer array using a for loop.

```
[TestMethod]  
public void Test_SumArray_ForLoop()
```

Test_SumIntegerArray()

Tests summing all elements in an integer array.

```
[TestMethod]  
public void Test_SumIntegerArray()
```