# Namespace ASE_Assignment

## Classes

[AppCanvas](#)

Implements drawing commands from ICanvas interface

[BooseForm](#)

BooseForm is a class representing the windows form for the BOOSE interpreter. Deals with user interface and program execution.

# Class AppCanvas

Namespace: ASE_Assignment

Assembly: ASE Assignment.dll

Implements drawing commands from ICanvas interface

```
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 instance of AppCanvas. Sets

```
public AppCanvas()
```

# Properties

## PenColour

Get/Set Pencolour for current Pen.

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

## Property Value

[object↗](#)

## Xpos

X position of cursor.

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

## Property Value

[int↗](#)

## Ypos

Y position of cursor.

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

## Property Value

[int↗](#)

# Methods

## Circle(int, bool)

Draw a circle with specified radius.

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

## Parameters

`radius` [int↗](#)

  Radius of circle.

`filled` [bool↗](#)

If True the circle is drawn filled in.

## Exceptions

CanvasException

    Throws exception if radius is invalid

# Clear()

Resets background to default colour (grey).

```
public void Clear()
```

# DrawTo(int, int)

Draw a line from current position to specified position using initialized pen object, updates x,y to new position.

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

## Parameters

x int↗

    X position to draw to.

y int↗

    Y position to draw to.

## Exceptions

CanvasException

    Throws exception if specified x,y positions are invalid.

# MoveTo(int, int)

Moves cursor position to specified x,y.

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

## Parameters

x int↗

    specified x position.

y int↗

    specified y position.

## Exceptions

CanvasException

    Throws exception if x,y are invalid.

# Rect(int, int, bool)

Draws a rectangle with specified width,height.

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

## Parameters

width int↗

    width of rectangle.

height int↗

    height of rectangle.

filled bool↗

    True if rectangle is to be filled.

## Exceptions

CanvasException

Throws exception if width,height are invalid

# Reset()

Reset cursor positon to 0,0.

```
public void Reset()
```

# Set(int, int)

Sets canvas size and creates bitmap.

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

## Parameters

xsize int↗

width of canvas

ysize int↗

height of canvas

# SetColour(int, int, int)

Sets colour of pen based on specified r,g,b values.

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

## Parameters

red int↗

amount of red.

green int↗

   amount of green.

blue int↗

   amount of blue.

## Exceptions

CanvasException

# Tri(int, int)

Draws a triangle with specified width and height. Not implemented yet.

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

## Parameters

width int↗

   width of triangle

height int↗

   height of triangle

## Exceptions

NotImplementedException↗

   Not implemented yet

# WriteText(string)

Draws text onto the output window. Not implemented yet.

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

## Parameters

text string↗

    Text to be drawn.

## Exceptions

NotImplementedException↗

    Not implemented yet.

# getBitmap()

Returns bitmap

```
public object getBitmap()
```

## Returns

object↗

    bitmap

# Class BooseForm

Namespace: ASE_Assignment

Assembly: ASE Assignment.dll

BooseForm is a class representing the windows form for the BOOSE interpreter. Deals with user interface and program execution.

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

## Inheritance

object ← MarshalByRefObject ← Component ← Control ← ScrollableControl ← ContainerControl ← Form ← BooseForm

## 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☐ ,

# Constructors

## BooseForm()

Initializes instance of BooseForm class

```
public BooseForm()
```

# 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 BooseTests

## Classes

[CanvasTests](CanvasTests)

# Class CanvasTests

Namespace: [BooseTests](#)

Assembly: BooseTests.dll

```
[TestClass]
public class CanvasTests
```

**Inheritance**

[object](#) ← CanvasTests

**Inherited Members**

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

# Methods

## TestDrawTo()

Tests the method DrawTo by calling the method and checking if the pen position is correct.

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

## TestMoveTo()

Tests the method MoveTo by calling the method and checking if the pen position is correct.

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

## TestMultiline()

Tests a multiline program by calling multiple MoveTo and DrawTo commands and checking the final pen position.

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