

From McKeown (2010), *Programming in Visual Basic 2010*. New York: Cambridge University Press.

Appendix I

Control and Variable Naming Conventions

This appendix contains [Tables I.1](#) through [I.3](#), which list control and variable naming conventions.

Table I.1 Data Type Prefixes and Ranges

Data Type	Prefix	Range	Bytes
Byte	byt	0 to 255	1
Short	sho	−32,768 to 32,767	2
Integer	int	−2,147,483,648 to 2,147,483,647	4
Long	lng	−9,223,372,036,854,775,808 to 9,223,372,036,854,775,807	8
String	str	0 to ~2 billion	1 per character
Decimal	dec	1.0e−28 to 7.9E+28	16
Single	sng	1.5E−45 to 3.4E+38	4
Double	dbl	5.0E−324 to 1.7E+308	8
Date	dat	January 1, 0001 to December 31, 9999 0:00:00 to 23:59:59	8
Boolean	bln	True or False	2
Char	chr	one Unicode character	2
Object	obj	data of any type	—

Table I.2 Variable Prefixes

Variable	Prefix
Local	None
Module	m
Global	g
Structure	s

Table I.3 Control Prefixes

Control	Prefix
Binding Navigator	bdn
Binding Source	bds
Button	btn
CheckBox	chk
CheckedListBox	clb
ColorDialog	dlg
ComboBox	cbo
CrystalReportViewer	crv
CrystalReportDocument	crd
DataGridView	dgv
DateTimePicker	dtp
FontDialog	dlg
Form	frm
GroupBox	grp
HScrollBar	hsb
Label	lbl
LinkLabel	llb
ListBox	lst
MaskedTextBox	mtb
MenuStrip	mnu
MonthCalendar	cal
NumericUpDown	nud
OpenFileDialog	ofd
Panel	pnl
PictureBox	pic
ProgressBar	prb
RadioButton	rad
RichTextBox	rtb
SaveFileDialog	sfd
TabControl	tab
TableAdapter	tbl
TextBox	txt
Timer	tmr
ToolTip	ttp
TrackBar	trb
VScrollBar	vsb
WebBrowser	web