

## Restrict entry into a TextBox

To restrict entry into a TextBox you use its KeyPress event procedure:

```
Private Sub Text1_KeyPress(KeyAscii As Integer)
```

```
End Sub
```

The KeyAscii argument is a code identifying the key that was pressed as an ASCII value. Code in the KeyPress event procedure can examine the value of KeyAscii to see if a permitted character was entered. If so, do nothing and the character will be passed through to the TextBox. If the key is not permitted, set KeyAscii to 0 and the keypress is cancelled. KeyPress should always pass through the BackSpace key (ASCII value = 8) to permit the user to delete erroneous characters.

The following KeyPress event procedure lets only the digits 0-9 through, plus Backspace. The ASCII values for the characters 1 through 9 are 48-57.

```
Private Sub Text1_KeyPress(KeyAscii As Integer)
```

```
    If KeyAscii = 8 Then Exit Sub
```

```
    If KeyAscii < 48 Or KeyAscii > 57 Then
```

```
        Beep()
```

```
        KeyAscii = 0
```

```
    End If
```

```
End Sub
```

Note that the KeyPress event procedure will not intercept editing keys such as Del or the arrow keys, so you do not need to make provision to pass them through in your code.