

Writing a VB6 Program



The Sign Finder, the preparation part of Project 2, is written and debugged

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Form Set-up

- ❖ Components needed for the form:
 - Heading text -- a label control
 - 12 Radio buttons -- each with its own name
 - OK button -- a command control
 - Announcement text -- label control
 - Sign text -- label control



Form1

When is your birthday? [OK]

<input type="radio"/> March 21 - April 19	<input type="radio"/> September 23 - October 22
<input type="radio"/> April 20 - May 20	<input type="radio"/> October 23 - November 21
<input type="radio"/> May 21 - June 20	<input type="radio"/> November 22 - December 21
<input type="radio"/> June 21 - July 22	<input type="radio"/> December 22 - January 19
<input type="radio"/> July 23 - August 22	<input type="radio"/> January 20 - February 18
<input type="radio"/> August 23 - September 22	<input type="radio"/> February 19 - March 20



Form1

When is your birthday?

<input type="radio"/> March 21 - April 19	<input type="radio"/> September 23 - October 22
<input type="radio"/> April 20 - May 20	<input type="radio"/> October 23 - November 21
<input type="radio"/> May 21 - June 20	<input type="radio"/> November 22 - December 21
<input checked="" type="radio"/> June 21 - July 22	<input type="radio"/> December 22 - January 19
<input type="radio"/> July 23 - August 22	<input type="radio"/> January 20 - February 18
<input type="radio"/> August 23 - September 22	<input type="radio"/> February 19 - March 20

Your sign is Cancer

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Program Code

❖ Steps --

- ❑ Declare a variable, signName, as a string
- ❑ For each date range event handler, assign to signName the proper name of the sign for that range
- ❑ For the OK_Click event handler
 - + make the "Your sign is" text visible
 - + make the OK button invisible
 - + display the value of the signName variable

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What's Happening in Program Code

```
Option Explicit
Dim signName As String

Private Sub optAqu_Click()
    signName = "Aquarius "
End Sub

Private Sub optAri_Click()
    signName = "Aries "
End Sub

Private Sub optCan_Click()
    signName = "Cancer "
End Sub

...
```

```
Private Sub cmdOK_Click()
    lblSign.Caption = signName
    ...
End Sub
```

For the Cancer radio button, the assignment here saves the value that is used here

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