

- Adding columns and selecting items in the Treeview 7m 12s
- Building cascading menus 11m 5s
- Drawing a basic line on the Canvas 5m 21s
- Drawing complex shapes on the Canvas 9m 58s
- Attaching a scroll bar to widgets 6m 21s
- Configuring widget styles 9m 49s
- Prompting users with the MessageBox and dialogs 6m 11s
- Chapter Quiz** 8 questions
- 6. Geometry Management**
 - Using the Pack geometry manager 13m 37s
 - Using the Grid geometry manager 10m 58s
 - Using the Place geometry manager 10m 11s
 - Chapter Quiz** 3 questions

You answered 8 of 8 questions correctly. [Continue watching](#) [Retake quiz](#)

Question 1 of 8

The code below creates a rectangle. What other call will you run to add an oval perfectly enclosed within this rectangle?

```
rect = canvas.create_rectangle(10, 10, 90, 190)
```

- oval = canvas.create_oval(50, 100)
- oval = canvas.create_oval(50, 100, 40, 50)
- oval = canvas.create_oval(10, 10, 90, 190)
Correct
The oval is created using the exact same corners like the rectangle.
- oval = canvas.create_oval(10, 100, 50, 10)

Question 2 of 8

What command can you use to configure different style settings depending on the state of the object?

- style.map()
Correct
This command expects a style name and a list of style properties to change based on the object's state.
- style.theme_use()
- style.configure()
- winfo_class()

Question 3 of 8

What property allows you to show a shortcut key combination next to a menu item?

- state
- accelerator
Correct
This property allows you to specify a shortcut string that will show next to the menu command or a menu cascade.
- command
- compound

Question 4 of 8

Which call draws the letter "Z" on an entire canvas that has a height of 201 pixels and a width of 101 pixels?

- line=canvas.create_line(100, 0, 0, 0, 100, 200, 0, 200)
- line=canvas.create_line(0, 0, 100, 0, 0, 200, 100, 200)
Correct
This creates a line that runs from top-left corner to top-right corner, then to bottom-left corner and finally to the bottom-right corner.
- line=canvas.create_line(0, 0, 100, 0, 0, 100, 100, 100)
- line=canvas.create_line(100, 0, 0, 0, 0, 200, 100, 200)

Question 5 of 8

Which message box or dialog provides only an OK button to dismiss the message?

- askopenfile()
- askquestion()
- showerror()
Correct
This message indeed only shows an OK button that dismisses the message upon clicking.
- asksavefilename()

Question 6 of 8

What will this code do?

```
treeview.insert("",end,'item1')
```

- Insert a tree node at the top of the list, with the text item1 showing after it.
- Insert a tree node called item1 at the end of the root node.
Correct
The first parameter represents the root node, the second parameter is the index, and the third parameter is the name of the node.
- Insert a tree node called end and no text after the node item1 .
- Insert a tree node with no text after the node end .

Question 7 of 8

What is the correct way to define a bind callback?

- treeview.bind('<<Select>>')
- treeview.bind('<<TreeviewSelect>>', callback)
Correct
The first parameter specifies the tree selection event with the angle brackets, and the second parameter specifies the callback function.
- treeview.bind('TreeviewSelect', callback)
- treeview.bind(callback,'TreeviewSelect')

Question 8 of 8

Which statement is true regarding the Text widget?

- It allows you to get all characters from any line.
Correct
The Text widget's "get()" method can read the text of any arbitrary line.
- It uses the themed module like other widgets.
- It always wraps at the exact character at the end of each line.
- It can only hold the number of characters that fit into its width times height.