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Displaying text

print

Microsoft

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Have you ever used a computer to

- Read a book?
- Read a movie review?
- Read instructions on how to clean crayon off your walls?
- Learn all about the capybara?

Many computer programs provide information

- One of the simplest but important things you need the ability to do in your code is display text

The print statement is used to display text

```
print('Hickory Dickory Dock! The mouse ran up the clock')

print("Hickory Dickory Dock! The mouse ran up the clock")
```

You can use single quotes or double quotes

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Printing text

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Multiple lines

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Does it matter if you use single or double quotes?

```
print("It's a beautiful day in the neighborhood")
```

```
print('It's a beautiful day in the neighborhood')
```

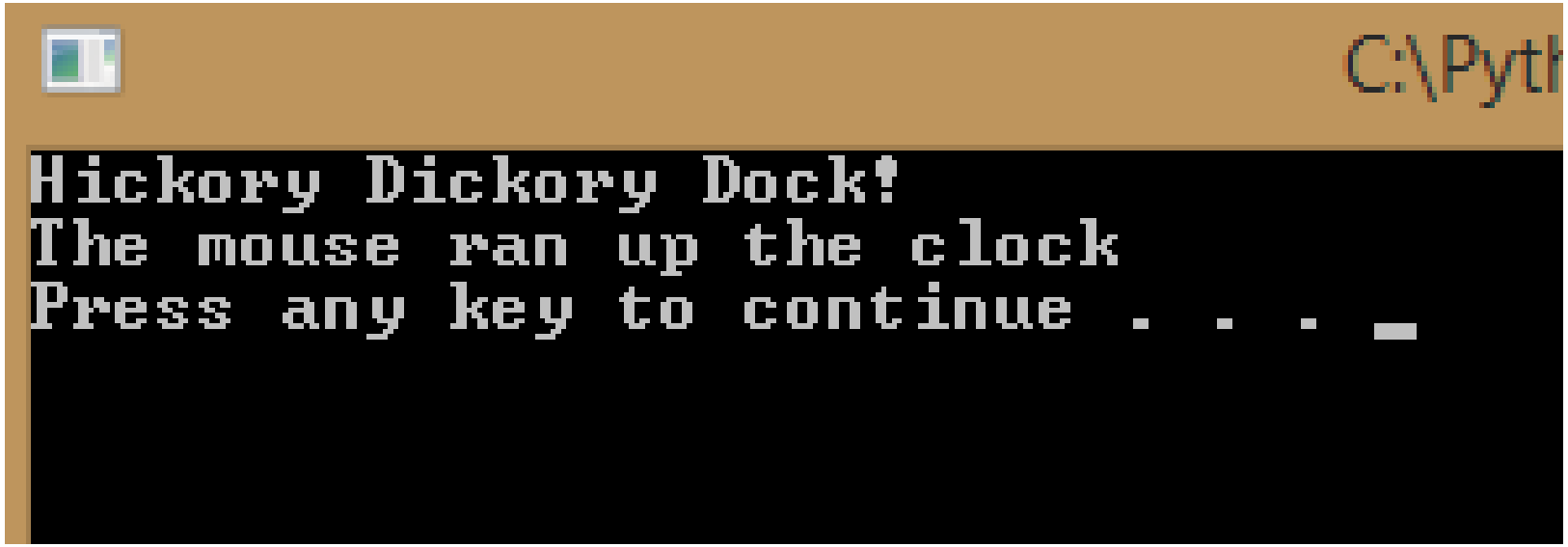
Only if the string you are displaying contains a single or double quote.

It’s a good habit to pick one and stick with it as much as possible.

What if I want my text to appear on multiple lines?

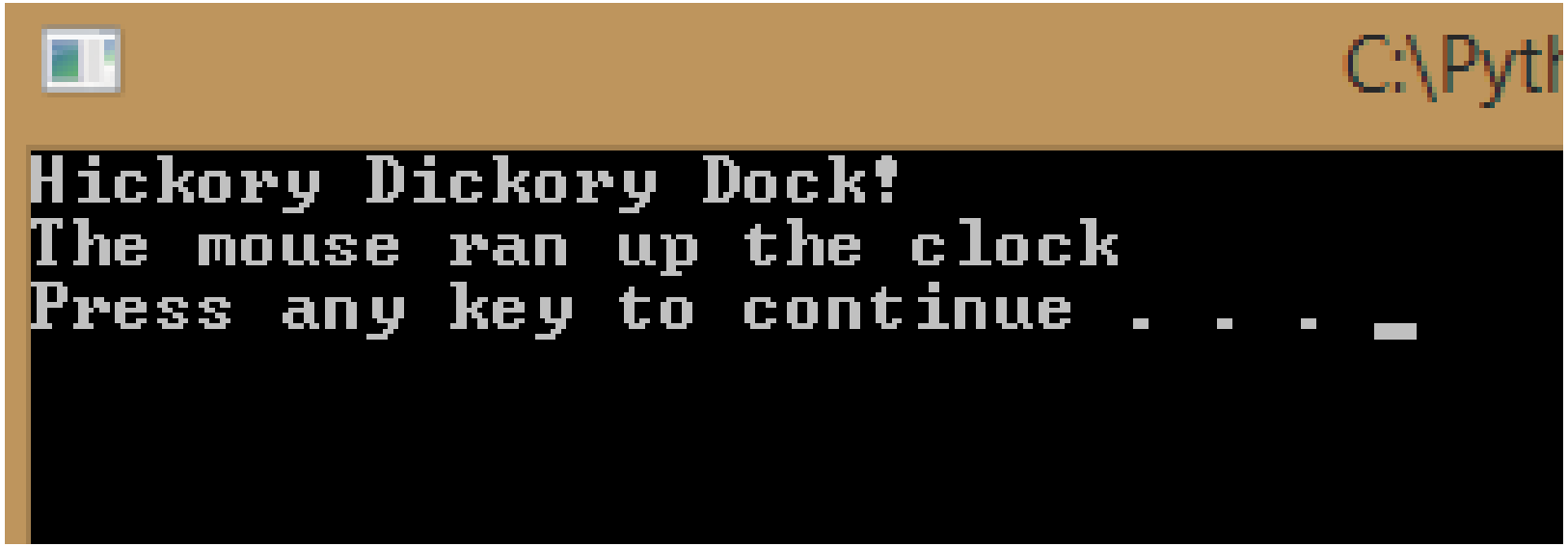
You can use multiple print statements

```
print('Hickory Dickory Dock!')
print('The mouse ran up the clock')
```



You can also use “\n” to force a new line

```
print('Hickory Dickory Dock!\nThe mouse ran up the clock')
```



Here's a neat Python trick: triple quotes!

```
print("""Hickory Dickory Dock!
The mouse ran up the clock""")

print('''Hickory Dickory Dock!
The mouse ran up the clock''')
```

When you put the string in triple quotes, it will be displayed the way you have the string in the text editor

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Line Management

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Same problem, multiple solutions

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Which do you think is better?

```
  print('Hickory Dickory Dock!')
  print('The mouse ran up the clock')

print('Hickory Dickory Dock!\nThe mouse ran up the clock')

  print('''Hickory Dickory Dock!
  The mouse ran up the clock''')
```

Geek Tips

- There is often more than one way to solve the same problem
- Sometimes it really doesn't matter which way you do it, as long as it works!

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Multiple options, same output

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When good code goes bad…

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There is another important programming concept you need to learn as well

- It's okay to make mistakes in your code
- **All** programmers make typing mistakes and coding mistakes

So it might be useful to practice finding our mistakes

```
print(Hickory Dickory Dock)
print('It's a small world')
print("Hi there')
prnit("Hello World!")
```

```
print('Hickory Dickory Dock')
print("It's a small world")
print("Hi there")
print("Hello World!")
```

Your challenge should you choose to accept it

- Write a program that will display the following poem on the screen

There once was a movie star icon
who preferred to sleep with the light on.
They learned how to code
a device that sure glowed
and lit up the night using Python!

Congratulations!

- You can now write a computer program that will share information with a user

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