

Exercises

Try these exercises to test your knowledge of strings!

Q1. Create a string named **abc**, which contains the characters "My cat's name is Fluffy".

In []:

Q2. Ask the computer to print **abc**.

In []:

Q3. Convert **abc** to capitals, and print the result.

In []:

Q4. Print the length of **abc**.

In []:

Q5. Get the character in position 5 in the string **abc**.

In []:

Q6. Find the first character in the string **abc**. (Remember: the first character is not the same as the character in position 1!)

In []:

Q7. Ask the computer how many times the character "f" appears in **abc**.

In []:

Q8. Ask the computer how many times the character "F" appears in **abc**.

In []:

Q9. Print the number of times the string "cat's" appears in **abc**.

In []:

Q10. Create a new string called **name**, by replacing the string "Fluffy" with "Ginger" in **abc**.
Print **name**.

In []:

Let's try something a bit more exciting! This is an excerpt from *Harry Potter and the Prisoner of Azkaban*:

Harry sat down between Dudley and Uncle Vernon, a large, beefy man with very little neck and a lot of moustache. Far from wishing Harry a happy birthday, none of the Dursleys made any sign that they had noticed Harry enter the room, but Harry was far too used to this to care. He helped himself to a piece of toast and then looked up at the reporter on the television, who was halfway through a report on an escaped convict.

Q11. Create a string with this text in it, and call it **harry**. (Hint. It may help to copy and paste!)

In []:

Q12. Print **harry**.

In []:

Q13. Find the length of the string **harry**.

In []:

Q14. Print the character in position 100 in **harry**.

In []:

Q15. Convert **harry** to lowercase, and call this new string **harry_lower**.
Print **harry_lower**.

In []:

Q16. Print how many times each of the vowels appear in **harry_lower**.

In []: