

## Introduction to Strings

A string variable contains some text. Run the following program:

```
File Edit Format Run Options
a="Alan "
b="Devonshire"

c=a+b

print c
```

Note the output. The program shows that you can “add” strings and it’s not the same as mathematical addition. User input of strings is done using `raw_input` and `input` which is for numbers, see the following program:

```
File Edit Format Run Options window Help
a=raw_input("enter the first name")
b=raw_input("enter the last name")

c=a+b

print "full name is",c
```

### Exercise 1

String can also be numbers. Write a program where the user inputs their first name, second name, and Swedish personal number. The program “adds” these and then prints their name and personal number in one lines.

### Strings can be numbers

A string can include number characters, but the python interpreter does not treat it mathematically, so using strings `1+1=11` (and not 2).

### Computer Experiment 1

Run the following program a few times using different inputs, and note the values of `c` :

```
a=raw_input("enter the first number")
b=raw_input("enter the last number")
c=a+b

print c
```

Change `raw_input` to just `input` and run the program again, and note the value of `c`.

