Computing

Lesson 1: First steps

Introduction to Python programming

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Materials from the Teach Computing Curriculum created by the National Centre for Computing Education

Step 1: Extend the program

Extend the existing program from the previous task by typing in two similar additional statements. Note that **line 4** is incomplete.

```
1 user = "Claude"
2 print("Hello", user)
3 lucky = 13
4 print(                    )
```

Step 2: Complete line 4

Complete line 4, so that the output of the program is:

`Hello Claude`

`My lucky number is 13`

Make sure that your program displays the value of the lucky variable, not just the number 13.

```
1 user = "Claude"
2 print("Hello", user)
3 lucky = 13
4 print(                    )
```

Step 3: Run your program

Did it work?

Did you get any error messages?

If you did, how did you fix them?

```
1 user = "Claude"
2 print("Hello", user)
3 lucky = 13
4 print(                    )
```

Step 1: Change the program

A. Change your program so that it now looks like this example.

```
1 print("What's your name?")
2 user = input()
3 print("Hello", user)
```

B. Before running your new program, make a prediction about what might happen at **line 2** and what the **output** might be.

Step 2: Run your program

Once you manage to run the program, you should see this prompt:

```
What's your name?
```

The program is still running: it is executing the input function, which is waiting for the user to type something on the keyboard.

Type your name and press Enter. What is the output of the program?

```
1 print("What's your name?")
2 user = input()
3 print("Hello", user)
```

Step 3: Run your program again

Run your program again.

Type a different name and press Enter.

What is the output of the program?

```
1 print("What's your name?")
2 user = input()
3 print("Hello", user)
```