

{ create.withcode.uk }

interactive python tutorials
for beginners



```
print("Hello")
```

Student Workbook Answers

Name	
Class	
Teacher	

Learning Objectives:

Objective	Before	After
1.1: understand the basic concept of the python programming language.		
1.3: Input and output to the python console		

Reflection:

I'd like to know / ask / find out ...	Action taken...

Starter:

What is a computer program?

A computer program is an algorithm (step by step instructions to solve a problem) which can run on a computer

Python is a programming language. Which other programming languages have you heard of?

e.g. C#, scratch, Java, Javascript,

Theory:



Fill in the blanks below to make notes.
Scan the QR code if you need any help.

Almost every computer program needs to send data **out** into the real world.


An **output** could be switching on or off a light, sending some work to a printer or sending some sound to a speaker. Most often though, output is displaying something on a screen.

- Output means sending information out from the computer into **the real world**
- **Information** is the stuff that gets sent out: it can be text, pictures, sound or whatever your program deals with.


We're going to learn how to write python code that will display text on a screen.

To display text in python, you use the **print** function.

Keywords:

	Draw lines to show where you see each of these keywords in this code. There are a few more to spot if you scan this QR code.
Code	Keywords
<pre>1 # Python Output: try it 2 3 print("Hi")</pre>	Output (Line 3) Comment (Line 1) Whitespace (Line 2)

Debug:

	Circle the errors on the code on the left and explain how to fix each one on the right
--	--

Code	Notes
<pre>1 # Python Output: debug it 2 3 print(Three) 4 5 Print("Two") 6 7 print("One) 8 9 print "Blast off!" 10 11 # Challenges: 12 # 1) Fix all error messages 13 # 2) Output "Three" 14 # 3) Output "Two" 15 # 4) Output "One" 16 # 5) Output "Blast off!"</pre>	<pre>1 # Python Output: debug it 2 3 print("Three") 4 5 print("Two") 6 7 print("One") 8 9 print("Blast off!") 10 11 # Challenges: 12 # 1) Fix all error messages 13 # 2) Output "Three" 14 # 3) Output "Two" 15 # 4) Output "One" 16 # 5) Output "Blast off!"</pre>

