**Python Next Steps – Lesson 2**

***STARTER***

1. **Can you identify what this program code is doing?**

score = 0

print("What kind of animal is a Python?")

print("A. A dog")

print("B. A fish")

print("C. A snake")

print("D. A bird")

choice = input("Type in a letter to guess: ")

if choice == "C" or choice == "c":

print("Well done, that's right!")

score = score + 1

else:

print("Wrong, wrong, wrong!")

print("\n") # Blank lines ("\n" means "new line")

print("Which subject is NOT usually taught in schools?")

print("A. Maths")

print("B. Train spotting")

print("C. English")

print("D. Computing")

choice = input("Type in a letter to guess: ")

if choice == "B" or choice == "b":

print("Well done, that's right!")

score = score + 1

else:

print("Wrong, wrong, wrong!")

print("\n")

print("The end! You scored " + str(score))

input("\nPress ENTER to exit program")

Answer:

1. **How many variables are there in this code and what data type are they (str, int, float)?**

Answer:

1. **Circle the lines of text you would need to copy and then edit if you wanted to add an extra question**

**TASK 1**

1. On the code on the first page of this sheet, underline the line of code that collects the person’s answer to question 1 and stores it in the variable “choice”.
2. On the code on the first page of this sheet, *circle the line of code* that checks if the answer given to question 2 is correct.
3. On the code on the first page of this sheet, ***draw a rectangle around the line of code*** that tells the computer to print the message “Press ENTER to exit program”

**TASK 2**

**Open IDLE Python GUI**

**Select File New File**

Copy the program code on the previous page and paste it into the Python window.

* 1. Edit the code to ask **two questions of your own**
  2. Add **3 more** questions of your own
  3. At the top of the code, add code to print a title such as “**Welcome To My Quiz On Harry Potter**”
  4. Save your program and run it. Edit it if you have any mistakes until it works properly.

**TASK 3**

Swap computers and have a go at someone else’s quiz.

Give the person a **www** and an **ebi** for their quiz.