**Starter Activities – Complete the following activities**

**Introduction and Block 1: Problem Solving & Programming**

**Lesson 1 activities**

**Activity 1.1**

Write a program to print out “Hello World”.

print(“Hello World”)

**Activity 1.2**

Write a program that writes your name on the screen.

myName = input ()

Print(myName)

**Activity 1.3**

Copy and run the following program.

print("hello " \* 10)

Write a program which prints your name 6 times.

myName = input()

Print(myName \* 6)

**Lesson 2 activities**

**Activity 2.1**

Are the following statements true or false?

|  |  |
| --- | --- |
| Python was released in 2010 | True or false? |
| Python was named after the TV series “Monty Python’s Flying Circus” | True or false? |
| Python is proprietary software which is expensive to buy | True or false? |
| Python was written by Bill Gates | True or false? |
| YouTube is written in Python | True or false? |

**Activity 2.2**

Make a note of what these useful keyboard shortcuts do.

|  |  |
| --- | --- |
| **Keyboard shortcut** | **What does the keyboard shortcut do?** |
| Control c |  |
| Control v |  |
| Control a |  |
| Control x |  |
| Control f |  |
| Control n |  |
| Control p |  |
| Control s |  |
| Control z |  |

**Activity 2.3**

Copy and run the following program:

print("This is the end")

print("Hold your breath and count to ten”)

print("Feel the earth move and then”)

print("Hear my heart burst again”)

Write a program that writes four lines of the lyrics of your favourite song on the screen.

**Activity 2.4**

Copy and run the following program.

print("the sky fall","from the sky")

Now answer these questions: what happens? what effect does the “,” have?

**Activity 2.5**

Escape sequences can be used to alter how the information is displayed on the screen. An escape sequence is a back slash “\”

Experiment with the following escape sequences and complete the table.

*Hint: Use alt p to display the last entered command in the IDLE shell.*

print ("\tQuestion what goes woof\t\tdogs\t\t\trabbits")

print("\n\nwhat kind of snake is good at maths?\n\nAn adder\n\n")

print("\n\nGoodbye\n\n")

|  |  |
| --- | --- |
| **Escape sequence** | **Effect** |
| \t |  |
| \n |  |
| \\ |  |
| \’ |  |
| \” |  |

**Activity 2.6**

Print the following text using just one line of code.

Help, I need somebody  
Help, not just anybody  
Help, you know, I need someone

