Lesson 01 – Printing

Exercise 01

☐ Task 1:

Using **one** print function, produce this output

```
Hello world
```

☐ Task 2:

Using **two** print functions, produce this output

```
Question. What do you call it when you have your mom's mom on social media?
Answer. Instagram
```

☐ Task 3:

Using **one** print function and this code \U0001f600, produce this output

```
😀
```

Hint Even though this is a smiley face, you will still need to print the code like a string

Exercise 02

☐ Task 1:

Using **one** print function, produce this output

```
I am learning how to use the newline and tab special characters.
```

☐ Task 2:

Modify this code to replicate the output shown, using only **one** print function and the newline special character \n.

Code:

```
1.  print("My favourite animal")
2.  print("is the giraffe!")
```

Output:

```
My favourite animal
Is the giraffe!
```

☐ Task 3:

Modify this code to replicate the output shown, using the tab special character \t only.

Code:

```
1. print("I   know   how   to   use   the   tab   special   character!")
```

Output:

```
I   know   how   to   use   the   tab   special   character.
```

☐ Task 4:

Using one print function, produce this output using the **newline** and **tab** special characters

```
Today I learned
        How to use
                The newline
                        and tab
                                special characters
```

Exercise 03

☐ Task 1:

Using **one** print function, produce this square using the newline and tab special characters

```
**********
*        *
*        *
*        *
**********
```

☐ Task 2:

Using **one** print function, produce this triangle using the newline and tab special characters
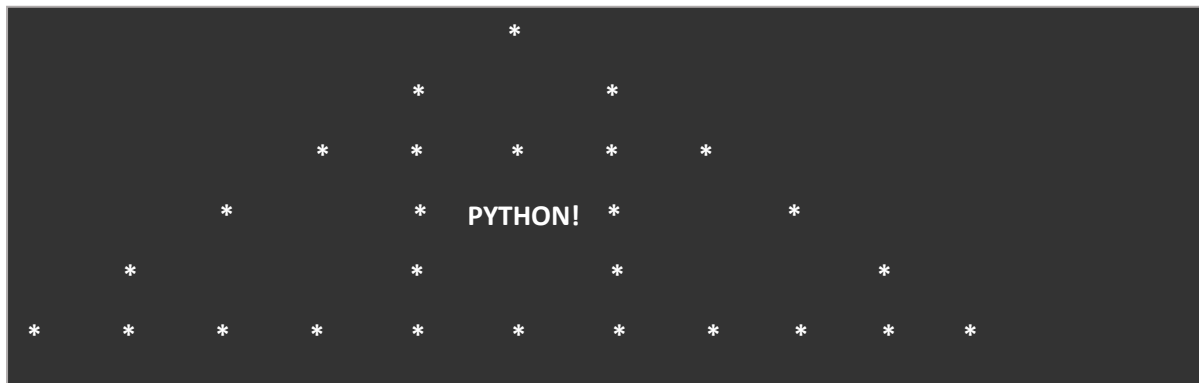
```
                        *
              *                   *
         *                              *
     *                                      *
    **************************************************
```

Exercise 04

Task 1:

Using **one** print function, produce this square inside a triangle with the word "Python!" inside of the square. Achieve this by using the **newline** and **tab** special characters

```
                          *
                *                   *
          *           *       *       *       *
            *           *   PYTHON!   *               *
        *                   *           *               *
    *       *       *       *       *       *       *       *       *       *       *
```

☐ Task 2:

Using **one** print function, produce this circle. Achieve this by using the **newline** and **tab** special characters

```
                  ******
            **              **
       **                       **
       **                       **
       **                       **
       **                       **
            **              **
                  ******
```