Lesson 01

# Lesson 01 - Introduction

## Accessing Replit

Go to <https://www.replit.com> and log in with your Adamstown email to create an account. You will be invited to join a team which will be used for sharing projects and assignments with you

## Creating first Repl

Click on the Repl button to create your first block of code

1. Under Template start typing python and choose Python as the template
2. It is important to give the Repl a recognisable name
3. finally click on the Blue Create Repl

#### Replit Window

The main parts of the Replit Window A. The list of the files in the Repl. the file called main.py must be there as this is what is run. B. Then main coding window. This is where the code is placed C. The console window is where the output of the program goes

## First Python Code

* Characters
  + A character is any single item that can be printed to the screen. This can be letters, Numbers or any other symbol the computer can display. Characters must be surrounded by “ ” or it will not display properly
* Strings
  + A string is any collection of 2 or more characters in a row. For Example this sentence is a string made up of letters, Spaces and symbols such as the comma and fullstop.
* Functions
  + A function is what a command is know as in Python. For Example the function to place text on to the screen is the print command and is structured as follows
  + print(“This is the print command”)
  + This will place the sentence **This is the print command** to the screen
  + Note the structure of the brackets and inverted commas to print a string to the screen

## Practice Code

## Exercises

### Exercise 01

#### Task 01

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

Hello world

#### Task 02

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

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

#### Task 03

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 01

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

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