**Activity 1 to be done in pairs:** Create a calculator program.

**Deliverables:**

1. Four functions which return correct calculations for Addition, Subtraction, Multiplication and Division
2. Program takes input from the key board and prints the correct answer on the console.
3. Program provides sufficient information to the user to be easy to use.

**Possible structure:**

Create the three initial variables, two integers and one String to make the decision.

Ask the user for the first number (assign to the first integer)

Ask the user for the second number (assign to the second integer)

Ask the user for the type of operation (assign to the String)

Use if statements to work out which command to use

Calculate and display the result

**Focus:**

Completing the task and documenting

**Internet Of Things (IOT) Application:**

Airport/shopping centre car park ticket validation

**Challenge Activity: Extend your calculator so that it can perform other calculations like powers, trigonometry etc. You will need to do some research to find out how Python handles these calculations.**