

# CO1102: PROGRAMMING FUNDAMENTAL HANDOUT (WEEK 1)

## OBJECTIVES:

- To determine your current level of ability with programming and python
- To understand algorithm
- To understand variables, expression and operators in Python

## CLASS ACTIVITY 1

Write your understanding about algorithm.

**NEXT:** SIMPLE TOPHAT QUIZ DURING THE LIVE SESSION

## NEXT: CLASS ACTIVITY 2 (DRAW A FLOWCHART)

Draw a flowchart to get an employee ID from user, number of days that he/she worked , number of hours in case if he/she works on a part time basis and calculate his/her salary.

Assume the rate is £150 per day & £15 per hour. Use the space below to draw the flowchart.

## CO1102: PROGRAMMING FUNDAMENTAL HANDOUT (WEEK 1)

### NEXT: CLASS ACTIVITY 3

Identify the list of variables from the problem described in **Class Activity 2**.

### NEXT: TOPHAT QUIZZES DURING THE LIVE SESSION

### NEXT: CLASS ACTIVITY 4: (WRITE YOUR FIRST PYTHON PROGRAM)

Convert the flowchart drawn in **Class Activity 2** to a Python program with the proper input/output.

## SELF-EVALUATION

Mark yourself out of 10 for how confident do you feel about programming at the moment	
---	--

If you feel you below 7 on any of these, review the material then contact the convenor if you are still not sure.

### WHAT NEXT?

Please go through the lecture note and try to attempt the tutorial and computer lab questions on your own before attending the tutorial session on Tuesday and the lab session on Thursday.