



### Practical Assignment P2022A-07

Due: 15 April 2022, 13:50

Competence Checklist (Your Practical Should Demonstrate the Following)

# Subroutines	#UJGrid Control
# Functions	#3-Tuple

### INSTRUCTIONS/WARNINGS

- No complete accompanying design (on paper), no mark
- No upload on Eve, no mark
- Plagiarism, no mark
- All classes must begin with the following comment (completed with relevant information)
- Name this project `S{StudentNumber}_P2022A_07`

```
' *****  
' Surname, Initials:  
' Student Number:  
' Practical: P2022A-07  
' Class name: (this is the name of the form you are working on)  
' *****
```

### PROBLEM

Easter is around the corner, and you know what that means. Chocolate eggs.

A local merchant wants to know how many Easter eggs their stores (3 stores) has sold over the Easter period (4 days). The merchant sells a variety of Easter egg types.

The merchant has contacted you to design and develop a visual basic application that will:

- Allow the user to specify which shop and how many eggs were sold
- Store and display the number of eggs sold in the corresponding grid cell
- The user must be able to edit the number of eggs by specifying which day and the number of eggs sold
- The total number of eggs sold in each shop over the 4 days should be calculated and displayed
- The average number of eggs sold should also be calculated and displayed in the grid
- Find and display the store that sold the most number of eggs for each of the days

## MARKSHEET

Design (on paper)	5
User Interface	5
Input of 3-Tuple	5
Processing and display of input	20
Calculation and display of Total	5
Calculation and display of Average	5
Calculation and display of most popular shop per day	10
Effective use of a subroutine	5
Effective use of a function	5
Programming Style (use of comments, readability of code)	5
Correct Execution	50
Total	120