



Competence Checklist (Your Practical Should Demonstrate the Following)

Subroutines

#UJGrid Control

Functions

#Dynamic 2D Array

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_08`

‘ *****

‘ Surname, Initials:

‘ Student Number:

‘ Practical: P2022A-08

‘ 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 have sold over the certain number of days.

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

- Allow the user to specify how many shops and how many days the eggs were sold.
- Store (in a 2D array) and display (in a grid) the number of eggs sold each day for each shop.
- The user must be able to edit the number of eggs by specifying which day, which shop, and the new number of eggs sold.
- The total number of eggs sold in each shop over all the days should be calculated and displayed
- The average number of eggs sold each day should also be calculated and displayed in the grid

MARKSHEET

Design (on paper)	5
User Interface	5
Input in 2D array	5
Processing and display of input	20
Calculation and display of Total	5
Calculation and display of Average	5
Effective use of a subroutine	5
Effective use of a function	5
Programming Style (use of comments, readability of code)	5
Correct Execution	40
Total	100
Bonus	30

BONUS

Find and display in the grid the store number that sold the most amount of eggs in each day.