



كلية تكنولوجيا الصناعة والطاقة

Information Technology
Department
2nd Year



جامعة برج العرب التكنولوجية
BORG AL ARAB TECHNOLOGICAL UNIVERSITY

جامعة برج العرب
التكنولوجية

Course: Programming Essentials in C++

Semester: 1st term 2025/2026.

Lecturers:

Dr. Nehal Elazaly,

Dr. Mohamed Abdelfattah

Assignment 4: C++ programming

Description:

The assignment reinforces both 2D arrays and pointer manipulation in one task:

Task:

1. Declare a 3x3 2D array and fill it with user input.
2. Calculate and display the sum of all elements.
3. Declare an integer variable x and a pointer to it.
4. Modify the value of x using the pointer.
5. Display the old and new value of x and the address in memory.

Submission Requirements

- **File name:** Assignment4_your_name.pdf file contains snapshot from your IDE (code and Output)
- The program should compile and run without errors.
 - Submit your file before the deadline. (15/12)