

EXAM INFORMATION

Title: Programming in C — Exam

Subject: Pointers, Memory, Functions

Class/Level: L1 CS

Duration: 2h

Instructions: Code must compile.

SCENARIO

You are maintaining legacy C code and must fix several issues.

QUESTIONS

1.

Question: What is a segmentation fault?

Expected answer format: Short explanation

2.

Question: Write a C function that returns the sum of two integers.

Expected answer format: C code

3.

Question: Explain the difference between malloc and calloc.

Expected answer format: Short explanation