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Teacher's Introduction

This resource pack is designed to help you support your students taking the A Level Computer Science Paper 1 exam. It is based on the *Hex Baron* preliminary material (Java) – for examination summer 2021.

On the CD, you will find the following:	
	the content (PDF/DOCX) accessible via a HTML interface contains all of the passwords for the protected PDFs (also listed below)
* PRINTED COPIES OF ALL THE MATERIALS IN THI	IS DIGITAL RESOURCE PACK ARE INCLUDED FOR REFERENCE.
installation. Copy the entire hexbaron lo	older onto a network location that is accessible for students, and
provide them with a shortcut to the index.htm	ml file. All content can be accessed from this page. e <i>Solutions</i> web page are password-protected, so that students ca

The resource pack consists of the following:

① Pre-release Commentary including a general explanation of how the program works (text and video), plus a more detailed, technical overview* describing each subroutine class and method in turn.

*Note: although this section is intended to give extra support to teachers and students, it should in no way be seen as a substitute to a student exploring the code for themselves.

Class Diagram Tasks

Three class diagram tasks for students to complete while getting to grips with the skeleton program. A mark scheme is provided via the *Solutions* web page as a password-protected PDF.

3 Written Questions

Theory questions testing students' understanding of the skeleton program, like Section C in the exam. These questions require access to the program, but no modifications need to be made to the program. Write-on (with answer lines) and non-write-on version are available format. Suggested answers are provided via the *Solutions* web page as a password-protected PDF.

4 Programming Tasks

Fifteen modification exercises put students' programming skills to the test, like Section D in the exam. Example solutions with suggested mark schemes are provided via the *Solutions* web page as a password-protected PDF. Note that these are example solutions and you must use your discretion to award marks accordingly where there are valid alternative solutions.

An Electronic Answer Document (EAD) is provided should you wish students to use it for ③ and/or ④ above.

Teacher note (repeated in the **Commentary** section):

Although the skeleton code is class-based, the HexBaron class is considered to be the main program. It is referred to as such throughout this resource and methods in the HexBaron class are hence referred to as subroutines. This is for two reasons, firstly to keep it in line with the way that the resource is presented in the other languages (which is therefore more likely to match any exam content) and secondly because this is the logical function of the HexBaron class given that all Java programs only contain classes.

This resource is intended to supplement your teaching only. Please read full disclaimer (p. iii) before using it.