Programming Language Subset Summary of changes Summer 2024

Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Computer Science Paper 2 – Application of Computational Thinking (1CP2/02)

Introduction

In this document, teachers and centres are informed about the changes made to the programming language subset (PLS) document from summer 2023 to summer 2024. There has been no additional content only changes detailed below are:

- clarification in the formatting string placeholders.
- removal of reference to numeric colour codes in the Turtle graphics module.

The programming language subset (PLS) document version 5 for Summer 2024 can be found here.

Please see list of changes below.

Version 5 (Summer 2024)

Formatting strings – Page 12

Further detail provided for the placeholders.

Placeholder	Option	Description
align	<	Left aligned. Default for most items, like text.
	>	Right aligned. Default for numbers.
	^	Centre aligned.
sign	+	Use a sign for both positive and negative numbers.
	-	Use a sign only for negative numbers. Default for negative numbers.
	space	Use leading spaces for positive numbers and a minus sign for negative numbers.
width	whole number	The total width of the field.
precision	whole number	The number of digits after the decimal.
type	s	String. Default for strings, if not supplied.
	d	Numbers in base 10 (denary). Default for integers, if not supplied.
	f	Fixed-point notation. Formats a number with exactly the number of digits to the right of the decimal given by precision

Version 4 (Summer 2023)

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Category	Description
Numbers	Decimal integer (d), Fixed point (f)
Alignment	Left (<), Right (>), Centre (^)
Field Size	The total width of a field, regardless of how many columns are occupied.

<table>
<tr><th>Version 5 (Summer 2024)</th><th>Version 4 (Summer 2023)</th></tr>
<tr><td>Hex representation for colour has been removed.
Turtle filling shapes – Page 15

<table><tr><th>Subprogram</th><th>Description</th></tr><tr><td><turtle>.fillcolor (<colour>)</td><td>Sets the colour used to fill. The input argument is a string, for example: "red".</td></tr></table></td><td>Turtle filling shapes – Page 15

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