AQA Computer Science A-Level
4.12.1 Functional programming paradigm
Past Paper Questions

Additional Specimen Paper 2

0 8   The `MOD` function calculates the remainder after an integer division has been carried out.

`MOD(x, y)` computes the reminder when x is divided by y.

For example, `MOD(13, 3)` = 1 since 13 divided by 3 is 4 remainder 1.

0 8 . 1   What is the co-domain of the `MOD` function?

[1 mark]

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Two functions have been defined:

`DOUBLE (x)  = 2 * x`

`SQUARE (x)  = x * x`

0 8 . 2   State the result of evaluating `SQUARE ○ DOUBLE (3)`.

[1 mark]

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