

1 (a) **Four** descriptions of stages in the program development life cycle are shown.

Draw **one** line to link each description to its most appropriate program development life cycle stage.

**Not** all program development life cycle stages will be used.

**Program development life cycle description**

**Program development life cycle stage**

develop an algorithm to solve the problem by using structure diagrams, flowcharts or pseudocode

analysis

detect and fix the errors in the program

coding

identify the problem and its requirements

design

write and implement the instructions to solve the problem

evaluation

testing

[4]

(b) Identify **three** of the component parts after a problem has been decomposed.

1 .....

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2 .....

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3 .....

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[3]