

3 A program is needed to manage individual rentals in a car-hire business.

The data items for each rental will be held in a record structure of type `RentalRecord`. The programmer has started to define the items that will be needed:

Item	Example value	Comment
<code>RentalID</code>	"AB1234"	a unique alpha-numeric value
<code>CarID</code>	241	a numeric value used as an array index
<code>DisCode</code>	'S'	a letter indicating the type of discount offered
<code>Start</code>	13/06/2025	when the rental starts
<code>Duration</code>	7	the number of days of the rental
<code>Completed</code>	FALSE	TRUE when the car is returned and the rental charge paid

(a) (i) Write pseudocode to declare the record structure for type `RentalRecord`

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(ii) A 1D array `Rental` containing 500 elements is used to store the data for all rental records. Write pseudocode to declare the `Rental` array.

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(b) State **three** benefits of using an array of records to store the data for all rentals.

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