

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

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

[4]

(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.

..... [2]

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

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