12 **(a)** An array is an Abstract Data Type (ADT).

Identify **two** other ADTs.

1 .....

2 .....

[1]

(b) A 1D array `DataArray` holds up to 1000 elements of type integer and needs to be sorted in ascending order.

Write the **pseudocode** for an insertion sort to sort the array into ascending order.

Use the identifiers from the table in your algorithm.

You do **not** need to declare any arrays or variables for this algorithm. You may assume this has already been done.

Identifier	Data type	Description
`Index`	`INTEGER`	counter for outer loop
`Position`	`INTEGER`	counter for inner loop – insertion position
`DataArray`	`INTEGER`	1D array to store up to 1000 integers
`Value`	`INTEGER`	value to insert

The first line has been written for you.

```
FOR Index ← 2 to 1000
```

.....

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.....

.....

..... [4]

(c) Describe **two** ways in which the performance of a sort routine is affected by the data to be sorted.

1 .....

.....

2 .....

.....

[2]