1 **(a)** An enumerated data type, `Spectrum`, is required to hold the names of colours.

(i) Write the **pseudocode** statement for the type declaration of `Spectrum` to hold the names of the colours available:

Red, Orange, Yellow, Green, Blue, Indigo, Violet.

.....

..... [2]

(ii) Identify **two** characteristics of the list of values given in an enumerated data type declaration.

1 .....

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2 .....

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[2]

(b) `ColourData` is a composite data type to store definitions of colours.

Write **pseudocode** statements to declare `ColourData` to hold the following fields:

Field	Example data
ColourCode	`XYZ12345`
Colour	`Red`
Wavelength	`650`
Frequency	`4.62`
PrimaryColour	`Yes`

Use the most appropriate data type in each case, including the enumerated data type `Spectrum` from part **a(i)**.

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..... [4]