

Algorithm to code: Using variables in different algorithms

Name: _____

Where would you store the following items?

Draw a line from the item to its appropriate storage container.

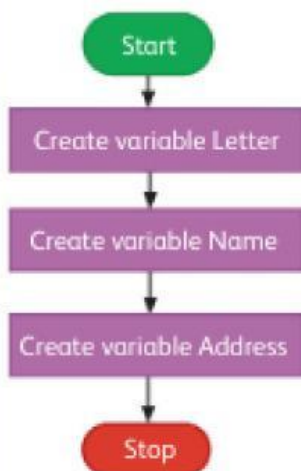
Item	Storage container
	
	
	
	
	
	

Practise

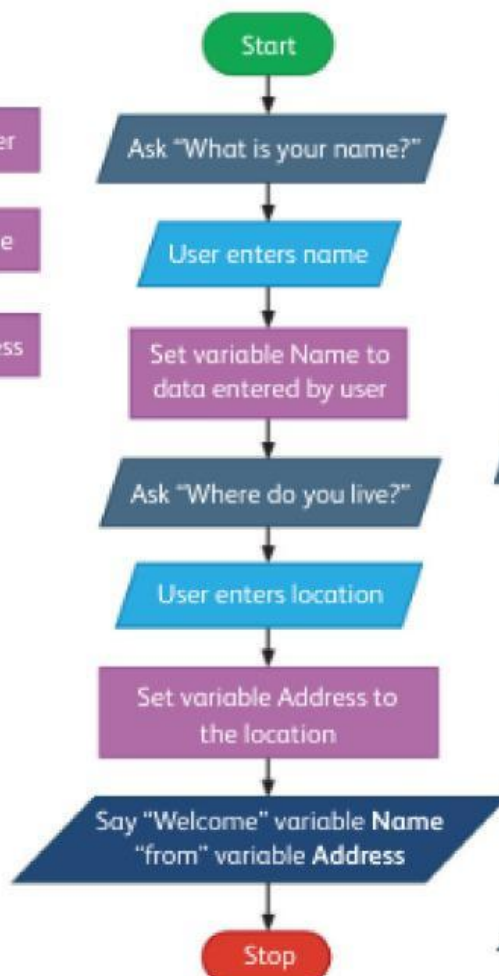
- 1 From the algorithms below, fill in the data type for each example.

Data type	Examples
	Hello, December, I wish you well!
	T, +, @
	85, 200, 8

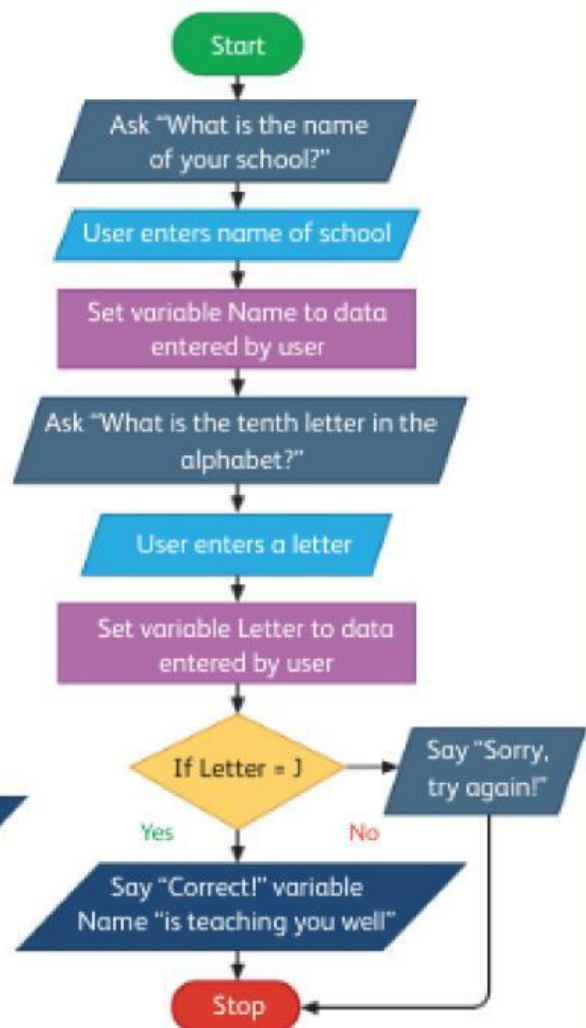
Algorithm 4



Algorithm 5



Algorithm 6



- 2 Look at the algorithms above. Do the following:
- Predict the outcome of Algorithm 5 if the user enters 'Hakim' then 'Agadir'.
 - Predict the outcome of Algorithm 6 if the user enters 'Mountain View School' and 'J'.
 - Identify the variables used in each algorithm.
 - Identify the data type that is stored in each variable.

a i Algorithms 5 Outcome:

Program output -

ii Algorithms 6 Outcome:

Program output -

b Variables used in:

Algorithm 4:

Algorithm 5:

Algorithm 6:

c Data type stored in:

Variable Name:

Variable Letter:

Variable Address: