# Algorithm for searching a number from the input list

1. Input list of numbers from a user
2. Input the number to search
3. Match the number with first number of the list
4. If it matches then print it and stop comparing
5. If not matched then compare number with second number of the list
6. If it matches then print it and stop comparing
7. If not matched then compare it with third number and repeat comparing it till last number till number not matches
8. If you find the searched number then print it and stop comparing
9. If it is not matched then print not found

# algorithm to check whether a line is strictly increasing or not

1-input the list of numbers form user

2-compare first number of the list with second number

3-if first number is greater than second number than line is in ascending order

4-if first number is less than second number then compare second number with third number of the list and continue doing it till comparing second last number with last number of the list

5-if second last number of list is less than last number than line is in ascending order

# algorithm for finding max number in list

1-input the list of numbers from the user

2-compare first number of list with other numbers in list

3-if first number is greater than second number and other numbers than it is max

4-if first number is less than second number or any other number in list then the greater number number will being compared with other numbers

5-if greater number will be greater than all numbers of list than it is max

# pseudo code to search your watch in each shelve of the cupboard.

1-1st shelve=a, 2nd shelve=b, 3rd shelve=c, 4th shelve=d, 5th shelve=e

2-find watch in a

3- if found the watch print “found it”

4-else print “not found”

5-find watch in b

6-if found then print “found it”

7-else print “not found”

8-contiue to find watch till e

9-if found print “found”

10-else print “not found”

# Write an algorithm to measure out exactly 4 litres of water But, of course, you have a problem. You have two containers each 3 and 5 litres in volume respectively.

1-first fill the 5litre container then pour it into 3litre container then 2litre remains in 5litr container

2-then throw 3litre container’s water and pour 2litre water which is remaining in 5litre container

3-now fill the 5litre container full and pour water from it in 2litre filled 3litre container

4-now 1litre of water will be added into 3litre container and there will be remaining 4liters of water in 5litre container