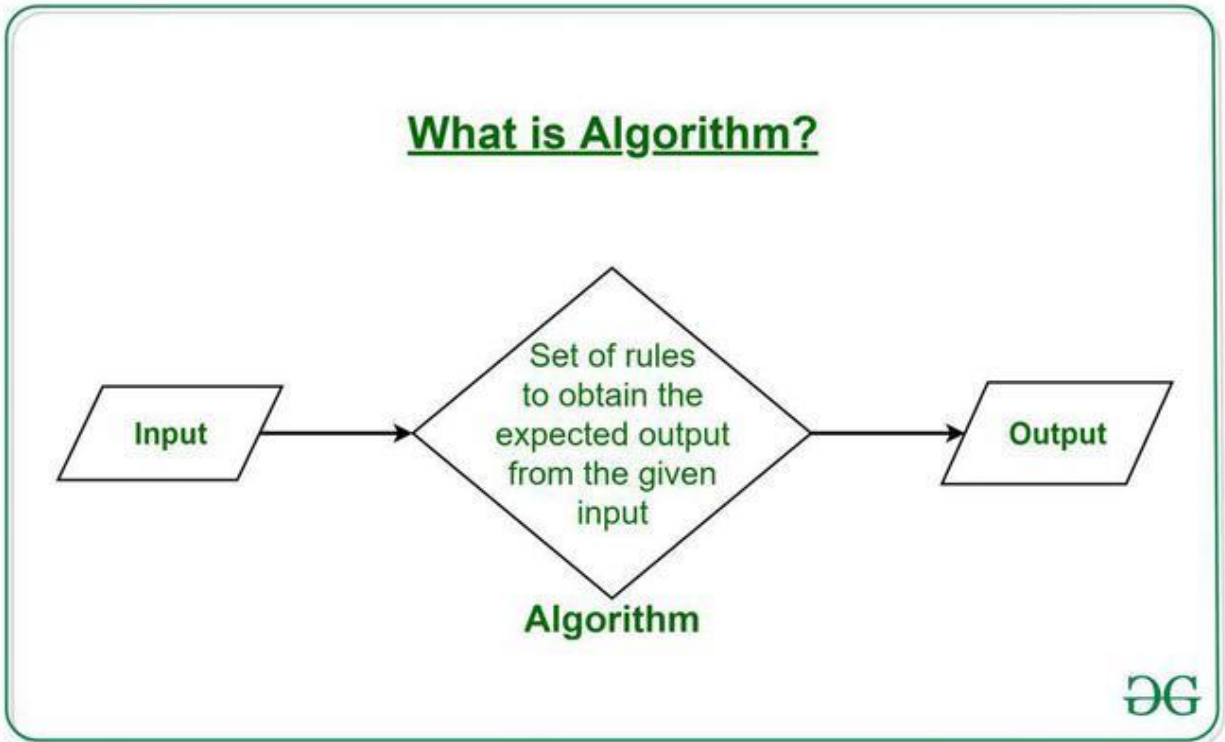


Question 1

1a. algorithm are organized set of instructions or procedure for solving problems.



https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.geeksforgeeks.org%2Fdifference-between-algorithm-and-flowchart%2F&psig=AOvVaw22OhvXLRPOAFakuK1KP0-S&ust=1680095348669000&source=images&cd=vfe&ved=0CBEQjhqxqFwoTCKD-YvZ_v0CFQAAAAAAdAAAAABAD

1b. pseudocodes are techniques that describes the step of an algorithm in a syntax- free manner.

It has no relation to the language that will be use in writing the code.

1c. flowchart: a graphical way of expressing algorithms. It represents the process or step by step way of solving a problem

1d.

- The problem
- The constraints

- The input
- The output
- The solution

1e. $a = 10$

$b = 5$

$c = a + b$

`print(c)`

1f. Step 1: start

Step 2: declare variables a , b , sum

Step 3: INPUT for variable a

Step4: INPUT for variable b

Step 5: add variable a , b and assign to variable sum

Step6: OUTPUT sum

Step7: stop

