

Programming and Problem Solving through C Language
O Level / A Level

Chapter -1 : Introduction to Programming

Algorithm

Q.1 Write an algorithm to assign and display Name, Class , Subject, School and City of a student.

Q.2 Write an algorithm to find the area , perimeter and the diagonal of a square.

Q.3 Write an algorithm for this problem.

A shopkeeper sells an article for Rs. 10000. If the rate of tax under GST is 10%, calculate and display the tax and the amount paid by the customer.

Q.4. Write an algorithm for this problem.

A dealer allows his customer two successive discounts of 20% and 10%. If the article costs Rs. 7200/- , calculate and display the selling price and total discounts given by the dealer.

Flowchart

Q.1 Draw an flowchart to assign and display Name, Class , Subject, School and City of a student.

Q.2 Draw an flowchart to find the area , perimeter and the diagonal of a square.

Q.3 Draw an flowchart for this problem.

A shopkeeper sells an article for Rs. 10000. If the rate of tax under GST is 10%, calculate and display the tax and the amount paid by the customer.

Q.4. Draw an flowchart for this problem.

A dealer allows his customer two successive discounts of 20% and 10%. If the article costs Rs. 7200/- , calculate and display the selling price and total discounts given by the dealer.