



Unit 4 – Programming

The following are problems that you drew flowcharts in last week. Identify the control structure or control structures in those problems and name them.

1. If you are 18 years of age or older, you can "vote." Less than 18 "Cannot vote".
2. There is one-day cricket match between two teams. There, one team wins or else ends without victory or defeat.
3. Find out the amount to be paid to buy 5 pens.
4. Prepare a kite.
5. When two numbers are given, finding the sum of those two numbers.
6. If 35 marks or more is obtained for any question paper, it is indicated as "Passed" and if marks less than 35 are obtained, it is marked as "Failed".
7. Calculate the width of a rectangle when area and length are given.
8. Calculate the area of a triangle.
9. Declare whether a number is an odd number or an even number.
10. When withdrawing money from an account, Ability to withdraw money if less than the account balance was requested amount, or if more than the account balance is requested, display "Balance is not sufficient"

Translated by: A.J.M. Irangani (President's College, Embilipitiya)