

21/12/2019

Class Work

Chapter - 8

Control Statements in Small Basic

Q-1 What are Branching statements? Describe If Then statement.

Ans-1 Branching statements are used to break the flow and jump to another line of code while the program is running. The If... Then statement is the most basic conditional statement. If the condition is true, then the block of statements written between If... Then and EndIf are executed.

Q-2 Differentiate between for loop and while loop.

Ans-2 While loop is used when you do not know exactly how many times will the loop get executed while For loop is used when you know exactly how many times the statement has to be executed.

Q-3 What are loops? How can you create loops in Small Basic?

Ans-3 Loops are the statements that allow you to repeat a specific block of code again and again until a condition is satisfied. Hence, the statements which let you create a loop in a programming

language are called looping statements

Q-4 Explain the purpose of goto statement in Small Basic.

Ans-4 The purpose of goto statement in Small Basic is to perform a transfer of control to another line of code in the program.

Q-5 What are subroutines? How can subroutines be invoked in a program?

Ans-6 Subroutines are used to group a repeating part of code. They allow us to reuse the code. They can be called from anywhere, anytime. They are identified by the keyword sub and terminate with the keyword Endsub. A subroutine can be called using the subroutine name followed by Parenthesis.