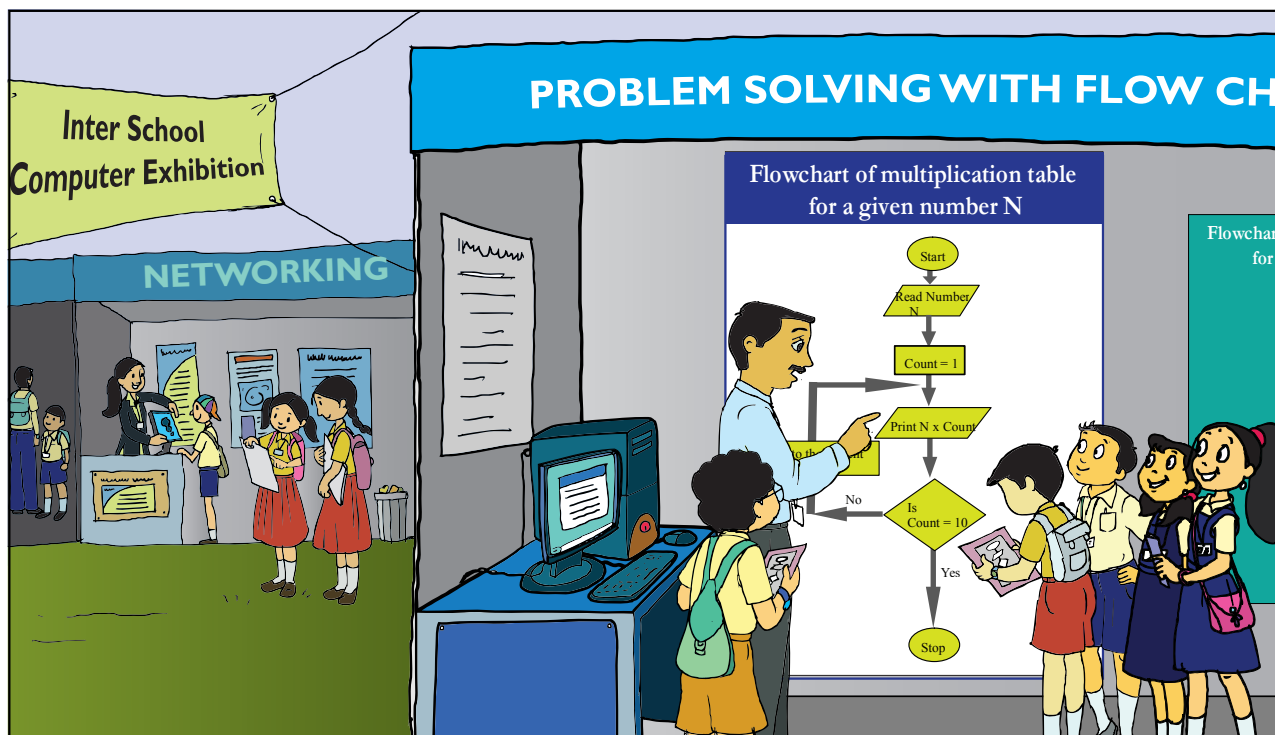


# 7. Flowchart

Aim: In this lesson, you will learn:  
 To draw a flowchart for problem solving.  
 Some uses of flowchart.



Tejas: We visited a computer exhibition for school students. We saw a super computer, demonstration of many uses of computer and many interesting applications.

Jyoti: In one of the stalls, we could enter any number as input and the computer was displaying the multiplication table of the number. The picture shown above was used by the person at the stall, to explain the sequence of steps followed by the computer, to display the table.

Jyoti: We observed that those who did not know about computers and programming could also understand what was explained by the picture.

Moz: This picture is called a **flowchart**. One of the uses of flowchart is to describe the sequence of steps and logic of solving a problem, before writing a computer program. Flowchart also helps in communicating the steps of the solution to others.

Tejas: I see that various geometrical shapes are used in this representation. We are eager to learn about flowcharts.

Moz: Let us start with a simple example. Look at the following flowchart of adding two natural numbers A and B. Let us discuss the problem solution and the geometrical shapes used.