EXPERIMENT-21

AIM: Using Raptor drawing the flowchart to calculate Fibonacci series.

OBJECTIVE:

A Fibonacci number is a series of numbers in which each Fibonacci number is obtained by adding the two preceding numbers. It means that the next number in the series is the addition of two previous numbers. Let the first two numbers in the series be taken as 0 and 1. By adding 0 and 1, we get the third number as 1. Then by adding the second and the third number (i.e.) 1 and 1, we get the fourth number as 2, and similarly, the process goes on. Thus, we get the Fibonacci series as 0, 1, 1, 2, 3, 5, 8, ……. Hence, the obtained series is called the Fibonacci number series.

PROCEDURE:

For drawing a flowchart to calculate Fibonacci series, we have to download Raptor software for PC.

After downloading the software install it in your PC and open it.

Your required tools displayed on top left of the screen (execute to completion, pause, stop/reset, step to next shape, test against server, toggle ink and symbols)

Take reference from google and get flow charts to calculate Fibonacci series.

Now construct the flowchart accordingly with the help of Raptor tools.

A RAPTOR program consists of connected symbols that represent actions to be executed.
The arrows that connect the symbols determine the order in which the actions are performed.
The execution of a RAPTOR program begins at the Start symbol and goes along the arrows to execute the program.
The program stops executing when the End symbol is reached.

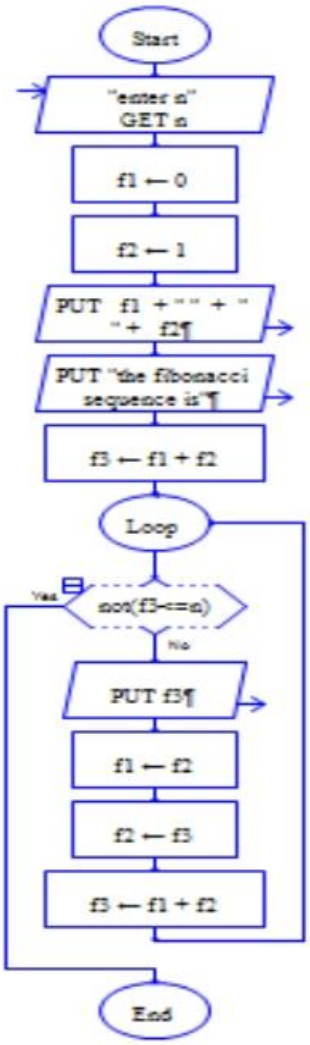
After drawing the flowchart diagram save it and take a screen shot of the diagram.

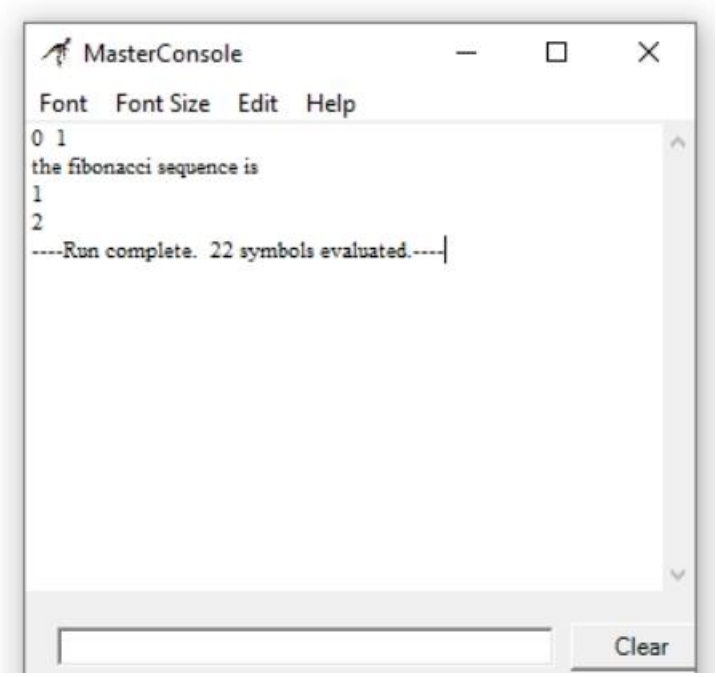
Go to paint app in your PC and paste the image you captured and select only the image, copy it.

Now open word document and paste it under related experiment

OUTPUT:

FLOWCHART TO CALCULATE FIBONACCI SERIES USING RAPTOR.





RESULT:

Thus, using Raptor above experiment is implemented successfully.