Assignment: 4

Aim: Write Shell script to generate Fibonacci series up to nth term.

Algorithm:

Step 1: Start.

Step 2: Initialise certain variables.

Step 3: Accept number of terms n from user. [Negative term is unacceptable]

Step 4: If n = 1 then display 0

Step 5: If n = 2 then display 1

Step 6: If n>2 then display summation of previous two terms.

Step 7: Iterate until the iterator reaches n.

Step 8: Stop.

Description:

Syntax of for loop:

for ((; ;))

do

Statements....

done

Sample Input and Output: