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OSG202 - MUATC

Code:

#!/bin/sh

######### 0 1 1 2 3 5 8 13

fibonacci() {

    i1=0

    i2=1

    i=0

    while [ $i -ne $1 ]

    do

        echo -n "$i1 "

        i2=$(($i1 + $i2))

        i1=$(($i2 - $i1))

        i=$(($i + 1))

    done

}

main() {

    echo "Fibonacci sequence"

    echo -n "Enter the length of fibonacci sequence you want to display: "

    read id

    # Print fibonacci from 1 to $id

    fibonacci $id

}

main

