

FIBONACCI SERIES

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CODE

```
echo "Enter a limit"
read lim a=0 b=1 if
[ $lim -eq 0 ]; then
    echo "Empty series"
else
    echo "The series is "
    if [ $lim -eq 1 ]; then
        echo -n "$a "
    else
        echo -n "$a $b "
        i=2 while [ $i -lt
$lim ] do
            c=$((a+b)) echo
            -n "$c " a=$b
            b=$c
            i=$((i+1))
        done
        echo ""
    fi
fi
```

OUTPUT

Enter a limit

10

The series is

0 1 1 2 3 5 8 13 21 34