

Start

```
input_value = 0
index_counter = 2
previous_value = 0
current_value = 1
new_value = 0
```

Enter a positive integer:
(input_value)

input_value > 0
and check if it is an integer

False

True

index_counter ≤ input_value

True

```
new_value = previous_value + current_value
previous_value = current_value
current_value = new_value
index_counter = index_counter + 1
```

False

Display current_value

End

