

$i=1, \text{sum}=0$
 $(n=5)$

$\text{sum} \leq 50$
 $i \leq n$

```
n = int(input("Введите число - "))
sum = 0
i = 1
while sum <= 50 and i <= n:
    print(sum, i)
    sum += i
    i += 1
print(sum, i)
```

#	sum	i	n	sum <= 50	i <= n
1	1	2	5	+	+
2	3	3	5	+	+
3	6	4	5	+	+
4	10	5	5	+	+
5	15	6	5	+	-

12

1 5 6

Поиск максимума

$\text{max} = m[0]$

$m = [1, 8, 4, 3, 2, 0]$
0 1 2 3 4 5

if $m[i] > \text{max}$:
 $\text{max} = m[i]$

#	i	$m[i]$	>	max
1	0	1	+	1
2	1	8	+	8
3	2	4	-	8
4	3	3	-	8
5	4	2	+	2
6	5	0	-	0