

# Task1

```
Enter the term of fibonacci sequence:
8
How many numbers you are willing to search?:
3
Enter search 1:
0
Enter search 2:
4
Enter search 3:
10
a[0] = 0
a[1] = 1
a[2] = 1
a[3] = 2
a[4] = 3
a[5] = 5
a[6] = 8
a[7] = 13
a[8] = 21
result of search #1 = 0
result of search #2 = 3
result of search #3 = -1
```

## Task2

```
Student 6 started waiting for consultation
Number of students now waiting: 0
ST giving consultation
Student 6 is getting consultation
A waiting student started getting consultation
Number of students now waiting: 0
Student 6 finished getting consultation and left
Number of served students: 1
Student 0 started waiting for consultation
Number of students now waiting: 2
ST giving consultation
Student 0 is getting consultation
A waiting student started getting consultation
Number of students now waiting: 2
A waiting student started getting consultation
[Number of students now waiting: 1
A waiting student started getting consultation
Number of students now waiting: 0
Student 1 started waiting for consultation
Number of students now waiting: 0
Student 4 started waiting for consultation
Number of students now waiting: 0
Student 9 started waiting for consultation
Number of students now waiting: 0
A waiting student started getting consultation
Number of students now waiting: 0
Student 2 started waiting for consultation
Number of students now waiting: 2
A waiting student started getting consultation
Number of students now waiting: 2
A waiting student started getting consultation
Number of students now waiting: 1
Student 5 started waiting for consultation
```

Student 3 started waiting for consultation  
Number of students now waiting: 0  
Number of students now waiting: 0  
A waiting student started getting consultation  
Number of students now waiting: 0  
Student 7 started waiting for consultation  
Number of students now waiting: 1  
A waiting student started getting consultation  
Number of students now waiting: 1  
A waiting student started getting consultation  
Number of students now waiting: 0  
Student 8 started waiting for consultation  
Number of students now waiting: 0  
Student 0 finished getting consultation and left  
Number of served students: 2  
ST giving consultation  
Student 1 is getting consultation  
Student 1 finished getting consultation and left  
Number of served students: 3  
ST giving consultation  
Student 4 is getting consultation  
Student 4 finished getting consultation and left  
Number of served students: 4  
ST giving consultation  
Student 9 is getting consultation  
Student 9 finished getting consultation and left  
Number of served students: 5  
ST giving consultation  
Student 2 is getting consultation  
Student 2 finished getting consultation and left  
Number of served students: 6  
ST giving consultation  
Student 3 is getting consultation



Student 3 finished getting consultation and left  
Number of served students: 7  
ST giving consultation  
Student 5 is getting consultation  
Student 5 finished getting consultation and left  
Number of served students: 8  
ST giving consultation  
Student 7 is getting consultation  
Student 7 finished getting consultation and left  
Number of served students: 9  
ST giving consultation  
Student 8 is getting consultation  
Student 8 finished getting consultation and left  
Number of served students: 10