

1st Question :

```
StringRev.java 🔒
Saved

1 import java.util.*;
2
3 public class Main {
4
5     static void reverseWords(String str)
6     {
7         System.out.println("Host name : M.Likhitha\r");
8         Stack<Character> st=new Stack<Character>();
9
10        for (int i = 0; i < str.length(); ++i) {
11            if (str.charAt(i) != ' ')
12                st.push(str.charAt(i));
13
14            else {
15                while (st.empty() == false) {
16                    System.out.print(st.pop());
17
18                }
19                System.out.print(" ");
20            }
21        }
22
23        while (st.empty() == false) {
24            System.out.print(st.pop());
25
26        }
27    }
28
29    public static void main(String[] args)
30    {
31        String str = "Hello How are you doing ";
32        reverseWords(str);
33    }
34 }
```

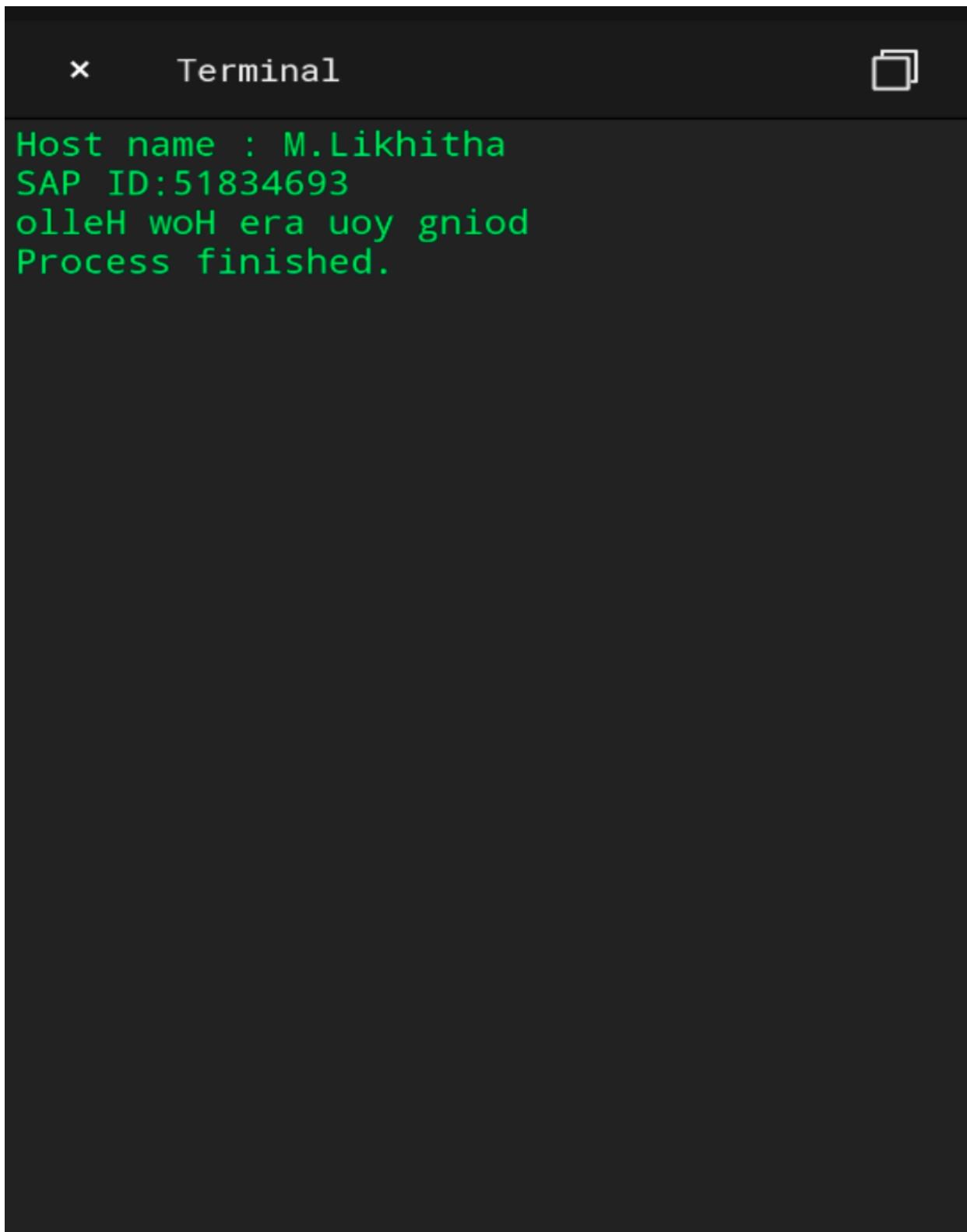
Make public 





Edit with WPS Office

Output Screen :



A screenshot of a terminal window titled "Terminal". The window contains the following text:
Host name : M.Likhitha
SAP ID:51834693
olleH woH era uoy gniod
Process finished.



Edit with WPS Office

5th Question :

```
← FourthSmallest.java 🛡 Saved → ⋮

1 import java.util.Arrays;
2 import java.util.List;
3 import java.util.PriorityQueue;
4
5 class Main
6 {
7     public static int findKthSmallest(List<Int
8     {
9         PriorityQueue<Integer> pq = new Priorit
10
11        while (--x > 0) {
12            pq.poll();
13        }
14
15        return pq.peek();
16    }
17
18    public static void main(String[] args)
19    {
20        List<Integer> l = Arrays.asList(7, 4, 6
21        int x = 4;
22
23        System.out.println("Host name : M.Likh
24        System.out.println("the 4th smallest e]
25                                findKthSmalles
26    }
27 }
```



Edit with WPS Office

Output Screen :

```
x      Terminal □
Host name : M.Likhitha
SAP ID:51834624
the 4th smallest element in the array is 6
Process finished.
```



Edit with WPS Office

Marks in mcq test :16/20

Grade : 8/10



Edit with WPS Office