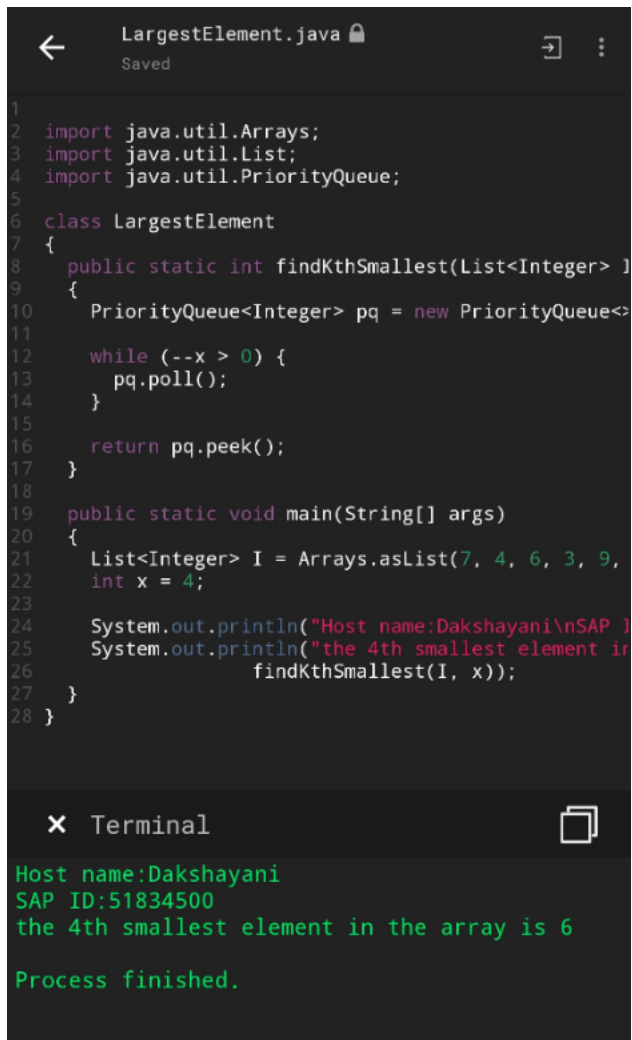Dakshayani_july_29

1st question and answer
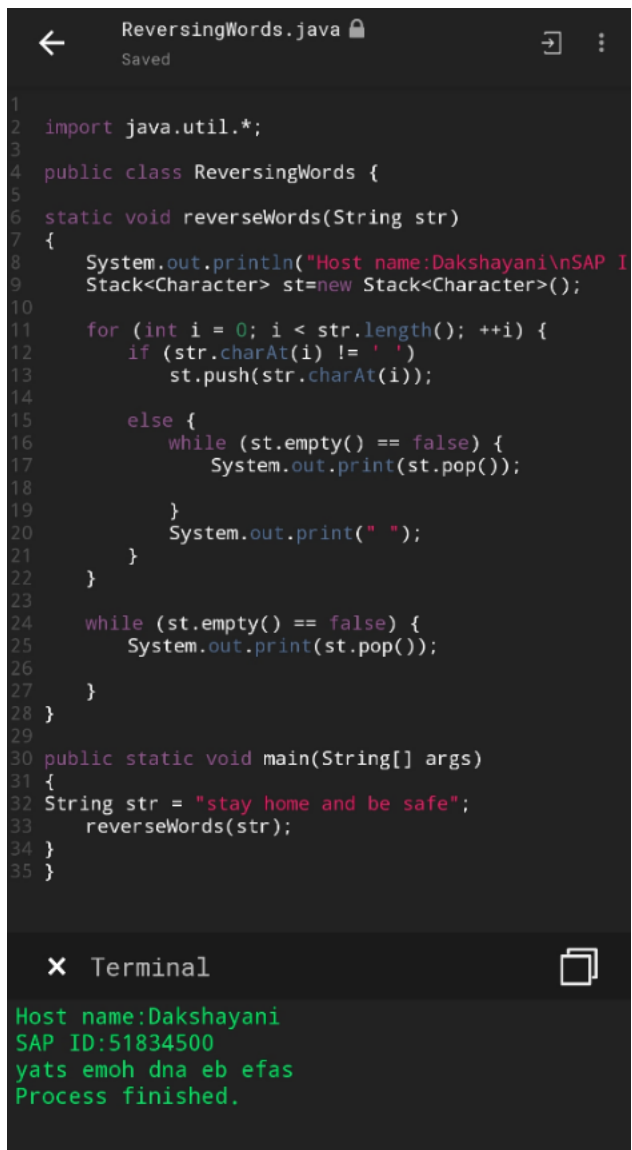


```java
import java.util.Arrays;
import java.util.List;
import java.util.PriorityQueue;

class LargestElement
{
    public static int findKthSmallest(List<Integer> ]
    {
        PriorityQueue<Integer> pq = new PriorityQueue<>

        while (--x > 0) {
            pq.poll();
        }

        return pq.peek();
    }

    public static void main(String[] args)
    {
        List<Integer> I = Arrays.asList(7, 4, 6, 3, 9,
        int x = 4;

        System.out.println("Host name:Dakshayani\nSAP ]
        System.out.println("the 4th smallest element ir
                    findKthSmallest(I, x));
    }
}
```

Terminal

```
Host name:Dakshayani
SAP ID:51834500
the 4th smallest element in the array is 6

Process finished.
```

5th question and answer

```java
import java.util.*;

public class ReversingWords {

static void reverseWords(String str)
{
    System.out.println("Host name:Dakshayani\nSAP I
    Stack<Character> st=new Stack<Character>();

    for (int i = 0; i < str.length(); ++i) {
        if (str.charAt(i) != ' ')
            st.push(str.charAt(i));

        else {
            while (st.empty() == false) {
                System.out.print(st.pop());

            }
            System.out.print(" ");
        }
    }

    while (st.empty() == false) {
        System.out.print(st.pop());

    }
}

public static void main(String[] args)
{
String str = "stay home and be safe";
    reverseWords(str);
}
}
```

✕ Terminal

```
Host name:Dakshayani
SAP ID:51834500
yats emoh dna eb efas
Process finished.
```

Today's mock assignment

Marks:-15