SequenceInStack

```java
package com.wipro;
import java.util.Stack;
public class SequenceInStack {

    public static boolean sequencePresentOrNot(Stack<Integer> stack,int[] arr) {
        int max=-111111;
        if(stack.size()<arr.length || stack.size()==0)
            return false;
        while(!stack.isEmpty()) {
            while(stack.pop()!=arr[0]) {continue;}
            for(int i=1;i<arr.length;i++) {

                if(arr[i]==stack.pop()) {
                    max=Math.max(max,i);
                }

                else {
                    break;
                }
            }
            if(max==arr.length-1)
                return true;
        }
        return false;



    }
    public static void main(String[] args) {
        //Not taking user input here
        Stack<Integer> stack=new Stack<>();
        stack.push(50);
        stack.push(40);
        stack.push(30);
        stack.push(20);
        stack.push(10);
        int arr[]= {20,30,40};
        boolean b=sequencePresentOrNot(stack, arr);
        if(b) {
            System.out.println("Sequence is present");
        }else
        System.out.println("Sequence not present");
    }

}
```

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3  public class SequenceInStack {
4
5      public static boolean sequencePresentOrNot(Stack<Integer> stack,int[] arr) {
6          int max=-111111;
7          if(stack.size()<arr.length || stack.size()==0)
8              return false;
9          while(!stack.isEmpty()) {
10             while(stack.pop()!=arr[0]) {continue;}
11             for(int i=1;i<arr.length;i++) {
12
13                 if(arr[i]==stack.pop()) {
14                     max=Math.max(max,i);
15                 }
16
17                 else {
18                     break;
19                 }
20             }
21             if(max==arr.length-1)
22                 return true;
23                 }
24         return false;
25
26
27
28     }
29     public static void main(String[] args) {
```

Outline
- com.wipro
  - SequenceInStack
    - sequencePresentOrNot(Stack<Integer>, int[]) : bo...
    - main(String[]) : void

Markers   Properties   Terminal   Console   Coverage

<terminated> SequenceInStack [Java Application] C:\Users\Nikita\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_16.0.2.v20210721-1149\jre\bin\javaw.exe (Jun 4, 2024, 10:50:38 AM – 10:50:

Sequence is present