



hcl.java

Saved



```
1 // question 1//
2 import java.util.Arrays;
3 import java.util.List;
4 import java.util.PriorityQueue;
5
6 class Main
7 {
8     public static int findKthSmallest(List<Integer> I, int x)
9     {
10         PriorityQueue<Integer> pq = new PriorityQueue<>(I);
11
12         while (--x > 0) {
13             pq.poll();
14         }
15
16         return pq.peek();
17     }
18
19     public static void main(String[] args)
20     {
21         List<Integer> I = Arrays.asList(7, 4, 6, 3, 9, 1);
22         int x = 4;
23
24         System.out.println("Author:ch.madhu sai\nSAP ID:51834527");
25         System.out.println("the 4th smallest element in the array is "
26                             findKthSmallest(I, x));
27     }
28 }
```



Terminal



```
Author:ch.madhu sai  
SAP ID:51834527  
the 4th smallest element in the array is 6  
  
Process finished.
```



hcl.java

Saved



```
1 //question 2//
2 import java.util.Scanner;
3 class main{
4     public static void main(String args[]){
5         Scanner sc=new Scanner(System.in);
6         System.out.println("ch.madhu sai\n51834527");
7         System.out.println("enter the n");
8         int n=sc.nextInt();
9         for(int i=1;i<n+2;i++){
10             for(int j=1;j<i;j++){
11                 System.out.print(j+",");
12             }
13             System.out.print(" ");
14         }
15     }
16 }
17
18 }
```

✕ Terminal



```
ch.madhu sai
51834527
enter the n
3
1, 1,2, 1,2,3,
Process finished.
```



hcl.java

Saved



```
1 //question 3//
2 import java.util.Scanner;
3 interface Laptop{
4     abstract public void area();
5     abstract public void company();
6     abstract public void ram();
7 }
8 class Your_name implements Laptop{
9     public void area(){
10         System.out.println("100 sq.in");
11     }
12     public void company(){
13         System.out.println("company is lenovo");
14     }
15     public void ram(){
16         System.out.println("16 gb ram");
17     }
18
19     public static void main(String[] args){
20         Your_name o=new Your_name();
21         System.out.println("ch.madhu sai\n51834527");
22
23         o.area();
24         o.company();
25         o.ram();
26     }
27 }
```



Terminal



```
ch.madhu sai  
51834527  
100 sq.in  
company is lenovo  
16 gb ram
```

```
Process finished.
```



hcl.java

Saved



```
1 //question 5//
2 import java.util.*;
3
4 public class Main {
5
6     static void reverseWords(String str)
7     {
8         System.out.println("Author:ch.madhu sai\nSAP ID:51834527");
9         Stack<Character> st=new Stack<Character>();
10
11         for (int i = 0; i < str.length(); ++i) {
12             if (str.charAt(i) != ' ')
13                 st.push(str.charAt(i));
14
15             else {
16                 while (st.empty() == false) {
17                     System.out.print(st.pop());
18
19                 }
20                 System.out.print(" ");
21             }
22         }
23
24         while (st.empty() == false) {
25             System.out.print(st.pop());
26
27         }
28     }
29
30     public static void main(String[] args)
31     {
32         String str = "i am madhu sai";
33         reverseWords(str);
34     }
35 }
```



Terminal



```
Author:ch.madhu sai  
SAP ID:51834527  
i ma uhdam ias  
Process finished.
```


JAVA_QUIZ_DAY_10

Attempts allowed: 1

This quiz opened at Wednesday, 29 July 2020,
3:00 PM

This quiz will close at Wednesday, 29 July 2020,
4:00 PM

Time limit: 30 mins

SUMMARY OF YOUR PREVIOUS ATTEMPTS

State	Marks /	Grade /	Review
	20.00	10.00	
Finished	14.00	7.00	
Submitted			
Wednesday, 29 July			
2020, 3:30 PM			

YOUR FINAL GRADE FOR
THIS QUIZ IS 7.00/10.00.

No more attempts are allowed

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