

5th Question:

```
sort.java   
Saved
```

1 import java.util.Scanner;
2 public class Main
3 {
4 public static void main(String[] args)
5 {
6 int c;
7 String temp;
8 Scanner s = new Scanner(System.in);
9 System.out.println("Host name : M.
10 System.out.print("Enter number of
11 c = s.nextInt();
12 String names[] = new String[c];
13 Scanner s1 = new Scanner(System.ir
14 System.out.println("Enter all the
15 for(int a = 0; a < c; a++)
16 {
17 names[a] = s1.nextLine();
18 }
19 for (int a = 0; a < c; a++)
20 {
21 for (int b = a + 1; b < c; b++)
22 {
23 if (names[a].compareTo(names[b])
24 {
25 temp = names[a];
26 names[a] = names[b];
27 names[b] = temp;
28 }
29 }
30 }
31 }
32 System.out.print("words in Sorted
33 for (int a = 0; a < c - 1; a++)
34 {
35 System.out.print(names[a] + " "
36 }
37 System.out.print(names[c - 1]);
38
39}
40
41}



Output Screen :

```
x Terminal

Host name : M.Likhitha
SAP ID:41834624
Enter number of words you want to enter:4
Enter all the words line by line:
abc
xyz
efg
lkj
words in Sorted Order line:abc efg lkj xyz
Process finished.
```



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4th Question :

```
Pattern 2.java 🔒
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1 public class Main
2
3     public static void main (String[] args) {
4         System.out.println("Host name : M.Likh
5         int A=1;
6         for (int b=1 ;b<=5 ;b++)
7         {
8             for (int c=1 ;c<=b ;c++)
9             {
10                 System.out.print(A);
11                 A++;
12             }
13             System.out.println();
14         }
15     }
16 }
```



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Output Screen :

```
x Terminal

Host name : M.Likhitha
SAP ID:51834624
1
23
456
78910
1112131415

Process finished.
```



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2nd Question :

```
← EvenOdd.java 🔒 → ···
Saved

1 import java.util.*;
2 public class Main
3 {
4     public static void main(String[] args)
5     {
6         int n, a = 0, b = 0;
7         Scanner s = new Scanner(System.in);
8         System.out.println("Host name : M.Likh
9         System.out.print("Enter no. of element
10        n = s.nextInt();
11        int x[] = new int[n];
12        int odd[] = new int[n];
13        int even[] = new int[n];
14        System.out.println("Enter all the elem
15        for(int y = 0; y < n; y++)
16        {
17            x[y] = s.nextInt();
18        }
19        for(int y = 0; y < n; y++)
20        {
21            if(x[y] % 2 != 0)
22            {
23                odd[a] = x[y];
24                a++;
25            }
26            else
27            {
28                even[b] = x[y];
29                b++;
30            }
31        }
32
33        System.out.print("Odd:");
34
35        if(a > 1)
36        {
37
38            for(int y = 0;y < (a-1); y++)
39            {
40                System.out.print(odd[y]);
41            }
42        }
43    }
44
45    : Make public 🌐 System.out.print(even[y]);
46
47
48
49
50
51
52
53
54
55
56
57
58
59
59
```

⋮ Make public 🌐

System.out.print(odd[y]);



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← EvenOdd.java 🔒 Saved

```
44             System.out.print(odd[y]+",");
45
46         }
47
48         System.out.print(odd[a-1]);
49
50     }
51
52     else
53
54     {
55
56         System.out.println("No number");
57
58     }
59
60     System.out.println("");
61
62     System.out.print("Even:");
63
64     if(b > 1)
65
66     {
67
68         for(int y = 0; y < (b-1); y++)
69
70         {
71
72             System.out.print(even[y]+",");
73
74         }
75
76         System.out.print(even[b-1]);
77
78     }
79
80     else
81
82     {
83
84         System.out.println("No number");
85
86     }
{ :: Make public 
```



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Out put Screen :

```
x Terminal

Host name : M.Likhitha
SAP ID:51834624
Enter no. of elements you want in array:4
Enter all the elements:
123
987
246
864
Odd:123,987
Even:246,864
Process finished.
```



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Marks in mcq test : 16/20

Grade : 8/10



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