

B. Dakshayani_july_28

4th question and answer



```
PatternNormal.java
Saved

1
2 public class PatternNormal
3 {
4     public static void main (String[] args) {
5         System.out.println("Host name:Dakshayani\nSAP ID:51834500");
6         int A=1;
7         for (int b=1;b<=5;b++)
8         {
9             for (int c=1;c<=b;c++)
10            {
11                System.out.print(A);
12                A++;
13            }
14            System.out.println();
15        }
16    }
17 }
```

Terminal

```
Host name:Dakshayani
SAP ID:51834500
1
23
456
78910
1112131415

Process finished.
```

2nd question and answer

```
← BifurcatingArray.java
Saved

1 import java.util.*;
2 public class BifurcatingArray
3 {
4
5
6     public static void main(String[] args)
7     {
8
9
10        int n, a = 0, b = 0;
11
12        Scanner s = new Scanner(System.in);
13
14        System.out.println("Host name:Dakshayani\r\n");
15        System.out.print("Enter no. of elements you want to store: ");
16
17        n = s.nextInt();
18
19        int x[] = new int[n];
20
21        int odd[] = new int[n];
22
23        int even[] = new int[n];
24
25        System.out.println("Enter all the elements:");
26
27        for(int y = 0; y < n; y++)
28        {
29
30            x[y] = s.nextInt();
31
32        }
33
34        for(int y = 0; y < n; y++)
35        {
36
37
38            if(x[y] % 2 != 0)
39            {
40
41                odd[a] = x[y];
42
43                a++;
44
45            }
46
47        }
```



```
← BifurcatingArray.java Saved
49     else
50     {
51         even[b] = x[y];
52         b++;
53     }
54 }
55 System.out.print("Odd:");
56 if(a > 1)
57 {
58     for(int y = 0; y < (a-1); y++)
59     {
60         System.out.print(odd[y]+",");
61     }
62     System.out.print(odd[a-1]);
63 }
64 else
65 {
66     System.out.println("No number");
67 }
68 System.out.println("");
69 System.out.print("Even:");
70 if(b > 1)
71 {
72     for(int y = 0; y < (b-1); y++)
73     {
74         System.out.print(even[y]+",");
75     }
76     System.out.print(even[b-1]);
77 }
78 System.out.println("");
79 }
```



```
← BifurcatingArray.java Saved ↵ ⋮
77     }
78
79     else
80     {
81
82         System.out.println("No number");
83
84     }
85
86     System.out.println("");
87     System.out.print("Even:");
88
89     if(b > 1)
90     {
91         for(int y = 0; y < (b-1); y++)
92         {
93             System.out.print(even[y]+",");
94         }
95         System.out.print(even[b-1]);
96     }
97     else
98     {
99         System.out.println("No number");
100     }
101 }
102 }
103 }
104 }
105 }
106 }
107 }
108 }
109 }
110 }
111 }
112 }
113 }
114 }
115 }
116 }
117 }
```

```
← BifurcatingArray.java Saved ↵ ⋮
✕ Terminal 📄
Host name:Dakshayani
SAP ID:51834500
Enter no. of elements you want in array:6
Enter all the elements:
12
4
6
3
1
8
Odd:3,1
Even:12,4,6,8
Process finished.
```



Marks in quiz:16

