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\nS
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

```java
import java.util.*;
public class BifurcatingArray

{

    public static void main(String[] args)

    {

        int n, a = 0, b = 0;

        Scanner s = new Scanner(System.in);

        System.out.println("Host name:Dakshayani\r
        System.out.print("Enter no. of elements yo

        n = s.nextInt();

        int x[] = new int[n];

        int odd[] = new int[n];

        int even[] = new int[n];

        System.out.println("Enter all the elements

        for(int y = 0; y < n; y++)

        {

            x[y] = s.nextInt();

        }

        for(int y = 0; y < n; y++)

        {

            if(x[y] % 2 != 0)

            {

                odd[a] = x[y];

                a++;

            }
        }
```

```java
        else

        {

            even[b] = x[y];

            b++;

        }

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

if(a > 1)

{

    for(int y = 0;y < (a-1); y++)

    {

        System.out.print(odd[y]+",");

    }

    System.out.print(odd[a-1]);

}

else

{

    System.out.println("No number");

}

System.out.println("");

System.out.print("Even:");

if(b > 1)

{
```

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

```
✕ 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