

30/9/2022

```
package Array;
import java.util.Scanner;
public class ThirdJag
{
    public static void main(String[] args)
    {
        //Intializing Scanner object
        Scanner scan=new Scanner(System.in);
        //1 dimension array creation
        int [][][]arr=new int[3][][];
        // 2dimension array creation
        arr[0]=new int[3][];
        arr[1]=new int[2][];
        arr[2]=new int[2][];
        //3 dimension array creation
        arr[0][0]=new int[2];
        arr[0][1]=new int[3];
        arr[0][2]=new int[2];
        arr[1][0]=new int[5];
        arr[1][1]=new int[2];
        arr[2][0]=new int[2];
        arr[2][1]=new int[3];
        //Taking input and Storing it array
        for(int i=0;i<=arr.length-1;i++)
        {
            for(int j=0;j<=arr[i].length-1;j++)
            {
                for(int k=0;k<=arr[i][j].length-1;k++)
                {
```

```

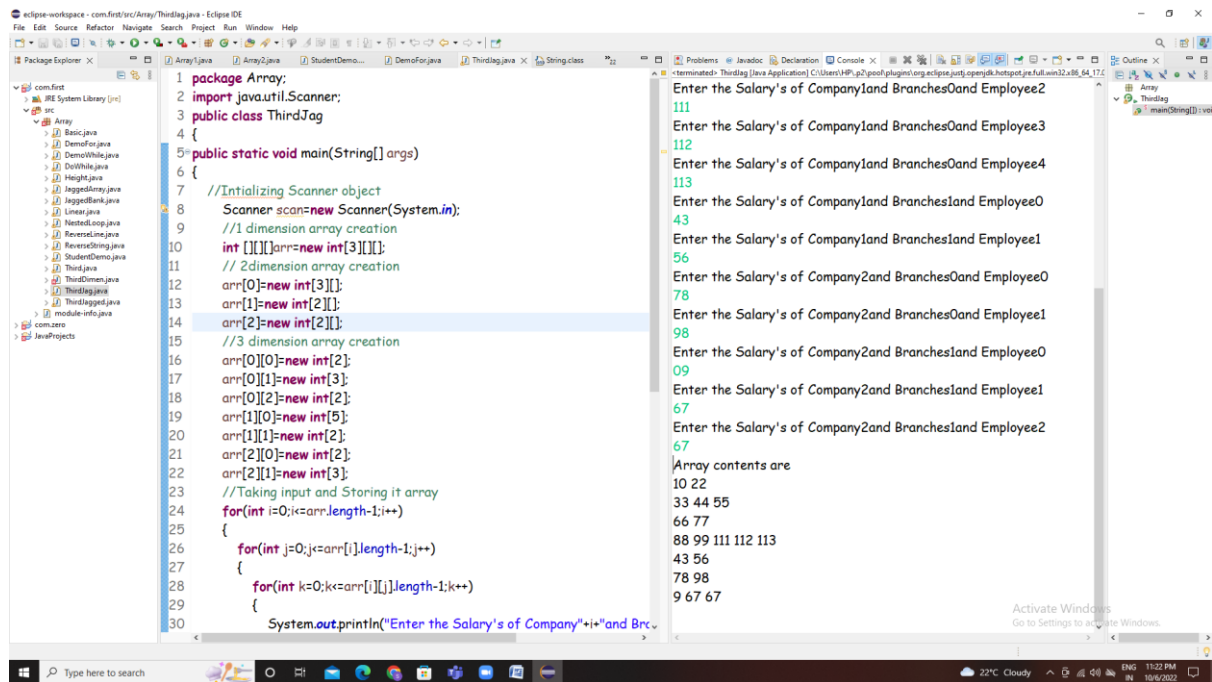
        System.out.println("Enter the
Salary's of Company"+i+"and Branches"+j+"and
Employee"+k);

        arr[i][j][k]=scan.nextInt();
    }
}
}
System.out.println("Array contents are");
for(int i=0;i<=arr.length-1;i++)
{
    for(int j=0;j<=arr[i].length-1;j++)
    {
        for(int k=0;k<=arr[i][j].length-1;k++)
        {
            System.out.print(arr[i][j][k]+" ");
        }
        System.out.println();
    }
}

}

}

```



```
1 package Array;
2 import java.util.Scanner;
3 public class ThirdJagged
4 {
5     public static void main(String[] args)
6     {
7         //Intializing Scanner object
8         Scanner scan=new Scanner(System.in);
9         //1 dimension array creation
10        int [][] arr=new int[3][10];
11        // 2 dimension array creation
12        arr[0]=new int[2][1];
13        arr[1]=new int[2][1];
14        arr[2]=new int[2][1];
15        //3 dimension array creation
16        arr[0][0]=new int[2];
17        arr[0][1]=new int[3];
18        arr[0][2]=new int[2];
19        arr[1][0]=new int[5];
20        arr[1][1]=new int[2];
21        arr[2][0]=new int[2];
22        arr[2][1]=new int[3];
23        //Taking input and Storing it array
24        for(int i=0;i<arr.length-1;i++)
25        {
26            for(int j=0;j<arr[i].length-1;j++)
27            {
28                for(int k=0;k<arr[i][j].length-1;k++)
29                {
30                    System.out.println("Enter the Salary's of Company"+i+"and Branch"+j);
31                    String s=scan.nextLine();
32                    arr[i][j][k]=s;
33                }
34            }
35        }
36        //Displaying array contents
37        for(int i=0;i<arr.length-1;i++)
38        {
39            for(int j=0;j<arr[i].length-1;j++)
40            {
41                for(int k=0;k<arr[i][j].length-1;k++)
42                {
43                    System.out.println(arr[i][j][k]);
44                }
45            }
46        }
47    }
48 }
```

Enter the Salary's of Company1and Branches0and Employee2  
111  
Enter the Salary's of Company1and Branches0and Employee3  
112  
Enter the Salary's of Company1and Branches0and Employee4  
113  
Enter the Salary's of Company1and Branches1and Employee0  
43  
Enter the Salary's of Company1and Branches1and Employee1  
56  
Enter the Salary's of Company2and Branches0and Employee0  
78  
Enter the Salary's of Company2and Branches0and Employee1  
98  
Enter the Salary's of Company2and Branches1and Employee0  
09  
Enter the Salary's of Company2and Branches1and Employee1  
67  
Enter the Salary's of Company2and Branches1and Employee2  
67  
Array contents are  
10 22  
33 44 55  
66 77  
88 99 111 112 113  
43 56  
78 98  
9 67 67

```
package Array;
import java.util.Scanner;
public class ThirdJagged
{
    public static void main(String[] args)
    {
        //Intializing array contents
        Scanner scan=new Scanner(System.in);
        //1 d Array
        String arr[][][]=new String[3][][];
        //2 D Array
        arr[0]=new String[2][1];
        arr[1]=new String[3][1];
        arr[2]=new String[3][1];
        //3 D Array
        arr[0][0]=new String[2];
        arr[0][1]=new String[3];
        arr[1][0]=new String[2];
        arr[1][1]=new String[5];
```

```
arr[1][2]=new String[2];
arr[2][0]=new String[2];
arr[2][1]=new String[3];
arr[2][2]=new String[7];
//Taking the input and storing it array
for(int i=0;i<=arr.length-1;i++)
{
    for(int j=0;j<=arr[i].length-1;j++)
    {
        for(int k=0;k<=arr[i][j].length-1;k++)
        {
            System.out.println("Enter the name of
Banks"+i+"and branches"+j+"and customer name"+k);
            arr[i][j][k]=scan.next();
        }
    }
}
//printing the array contents
for(int i=0;i<=arr.length-1;i++)
{
    for(int j=0;j<=arr[i].length-1;j++)
    {
        for(int k=0;k<=arr[i][j].length-1;k++)
        {
            System.out.print(arr[i][j][k]+" ");
        }
    }
    System.out.println(" ");
}
}
```

eclipse-workspace - com.fest/nc/Thirdtagged.java - Eclipse IDE

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```
9 //1 d Array
10 String arr[][][]=new String[3][[]];
11 //2 D Array
12 arr[0]=new String[2][];
13 arr[1]=new String[3][];
14 arr[2]=new String[3][];
15 //3 D Array
16 arr[0][0]=new String[2];
17 arr[0][1]=new String[3];
18 arr[1][0]=new String[2];
19 arr[1][1]=new String[5];
20 arr[1][2]=new String[2];
21 arr[2][0]=new String[2];
22 arr[2][1]=new String[3];
23 arr[2][2]=new String[7];
24 //Taking the input and storing it array
25 for(int i=0;i<arr.length-1;i++)
26 {
27     for(int j=0;j<arr[i].length-1;j++)
28     {
29         for(int k=0;k<arr[i][j].length-1;k++)
30         {
31             System.out.println("Enter the name of Banks"+i+"and branches"+j+"");
32             arr[i][j][k]=scan.next();
33         }
34     }
35 }
36 //printing the array contents
37 for(int i=0;i<arr.length-1;i++)
38 {
```

Enter the name of Banks2and branches1and customer name0  
ca  
Enter the name of Banks2and branches1and customer name1  
cd  
Enter the name of Banks2and branches1and customer name2  
dc  
Enter the name of Banks2and branches2and customer name0  
ice  
Enter the name of Banks2and branches2and customer name1  
cream  
Enter the name of Banks2and branches2and customer name2  
king  
Enter the name of Banks2and branches2and customer name3  
sun  
Enter the name of Banks2and branches2and customer name4  
moon  
Enter the name of Banks2and branches2and customer name5  
light  
Enter the name of Banks2and branches2and customer name6  
star  
pa as  
sangu geetha rangu  
rahul deesha  
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kfc ac  
ca cd dc  
ice cream king sun moon light star

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