

Programming Question 1 :

Write a program using “continue” keyword to delete elements of an array .

```
import java.util.*;
import java.lang.*;

class Programming_Question_1
{
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter number of elements : ");
        int n = sc.nextInt();
        System.out.println("-----");
        int[] array1 = new int[n];
        int[] array2 = new int[n];

        for(int i=0;i<n;i++)
        {
            System.out.print("Enter ["+(i+1)+"] element : ");
            array1[i]= sc.nextInt();
        }
        System.out.println("-----");
        System.out.println("Array elements are as follows : \n-----");
        for(int i=0;i<n;i++)
        {
            System.out.print(array1[i]+" --> ");
        }

        //-----Deletion operation -----

        int ch = 1;
        int j = 0;
        while(ch == 1)
        {
            if(j > n-1)
            {
                System.out.print("\n-----\n");
                System.out.print("Deletion not possible....");
                System.exit(0);
            }
            else
            {
                System.out.print("\n-----");
            }
        }
    }
}
```

```

        System.out.print("\nEnter the ["+(j+1)+"] element to delete : ");
        int key = sc.nextInt();
        for(int i=0;i<n;i++)
        {
            if( key == array1[i])
            {
                array2[j]= key;
                continue;
            }
        }

        //----- print the resultant array -----

        System.out.println("\n-----");
        System.out.println("After deletion the array is :\n-----");
        for(int i=0; i<n ; i++)
        {
            int flag = 0;
            for(int j1=0;j1<array2.length;j1++)
            {
                if( array1[i] == array2[j1] )
                {
                    flag = 1;
                }
            }
            if(flag == 0)
            {
                System.out.println(array1[i]);
            }
        }

        //-----
        j++;
        System.out.println("\n-----");
        System.out.print("Press [0] Exit || [1] Continue : ");
        ch = sc.nextInt();
    }
}
System.out.println("\n-----[ END ]-----");
}
}

```

===== [**OUTPUT**] =====

Enter number of elements : 5

Enter [1] element : 10

Enter [2] element : 9

Enter [3] element : 18

Enter [4] element : 15

Enter [5] element : 2

```
-----
Array elements are as follows :
-----
10 --> 9 --> 18 --> 15 --> 2 -->
-----
Enter the [1] element to delete : 15

-----
After deletion the array is :
-----
10
9
18
2

-----
Press [0] Exit || [1] Continue : 1

-----
Enter the [2] element to delete : 18

-----
After deletion the array is :
-----
10
9
2

-----
Press [0] Exit || [1] Continue : 1

-----
Enter the [3] element to delete : 9

-----
After deletion the array is :
-----
10
2

-----
Press [0] Exit || [1] Continue : 1

-----
Enter the [4] element to delete : 10

-----
After deletion the array is :
-----
2

-----
Press [0] Exit || [1] Continue : 1

-----
Enter the [5] element to delete : 2

-----
After deletion the array is :
-----
```

Press [0] Exit || [1] Continue : 1

Deletion not possible....