

Program to delete an element from array

```
import java.io.*;
class del_arr
{
public static void main(String arg[])
{
int a[]=new int[10];
DataInputStream ins=new DataInputStream(System.in);
int i,n=0,q=0;
int ctr=0;
try
{
System.out.print("Enter no. of elements ");
n=Integer.parseInt(ins.readLine());

System.out.println("Enter elements ");
for(i=0;i<n;i++)
a[i]=Integer.parseInt(ins.readLine());

System.out.println("Enter element to be deleted ");
q=Integer.parseInt(ins.readLine());
}
catch(IOException e)
{}
```

```

for(i=0;i<n;i++)
{
    if(a[i]==q)
    {
        for(int k=i;k<n-1;k++)
            a[k]=a[k+1];
        ctr++;
    }
}
if(ctr==0)
    System.out.println("Element not found");
else
{ for(i=0;i<(n-ctr);i++)
    System.out.print(a[i]+" ");
}
}
}

```

Output:

```

C:\Documents and Settings\Administrator\Desktop\java\New Folder>java del_arr
Enter no. of elements 6
Enter elements
2
0
4
7
1
3
Enter element to be deleted
0
2      4      7      1      3

```