1. **To Remove value from Array**

**import** java.util.Scanner;

**public** **class** Removevalue {

**private** **static** **void** removeval(**int**[] arr,**int** value) {

**int** n=arr.length,i;

**for**(i=0;i<n;i++) {

**if**(arr[i]==value) {

**for**(**int** j=i;j<n-1;j++) {

arr[j]=arr[j+1];

}

n=n-1;

**break**;

}

**else** **if**(i==n-1) System.***out***.println("Element not found");

}

**for**(**int** j=0;j<n;j++) {

System.***out***.print(arr[j]+" ");

}

}

**public** **static** **void** main(String []args) {

**int** n;

System.***out***.println("Enter number of elements in array");

Scanner scanner = **new** Scanner(System.***in***);

n=scanner.nextInt();

**int** arr[]=**new** **int**[n];

System.***out***.println("Enter array elements");

**for**(**int** i=0;i<n;i++)

arr[i]=scanner.nextInt();

System.***out***.println("Enter value to be removed array");

**int** value=scanner.nextInt();

*removeval*(arr,value);

}

}

**2.To get max value of a number array.**

**import** java.util.Scanner;

**public** **class** GetMaxvalue {

**private** **static** **void** maxvalue(**int**[] arr) {

**int** n=arr.length;

**int** max=arr[0];

**for** (**int** i=1;i<n;i++) {

**if**(arr[i]>max)

max=arr[i];

}

System.***out***.println("Maximum element in array is "+max);

}

**public** **static** **void** main(String []args) {

**int** n;

System.***out***.println("Enter number of elements in array");

Scanner scanner = **new** Scanner(System.***in***);

n=scanner.nextInt();

**int** arr[]=**new** **int**[n];

System.***out***.println("Enter array elements");

**for**(**int** i=0;i<n;i++)

arr[i]=scanner.nextInt();

*maxvalue*(arr);

}

}

**3.To find index of value from a sorted Array**

**import** java.util.Scanner;

**public** **class** Findindex {

**private** **static** **void** findindex(**int**[] arr,**int** value) {

**int** n=arr.length;

**for**(**int** i=0;i<n;i++) {

**if**(arr[i]==value)

System.***out***.println("Index of "+value+"is "+i);

**else** **if**(i==n-1) System.***out***.println("Element not found");

}

}

**private** **static** **void** sort(**int** arr[])

{

**int** n = arr.length;

**for** (**int** i = 0; i < n-1; i++)

{

**int** min\_idx = i;

**for** (**int** j = i+1; j < n; j++)

**if** (arr[j] < arr[min\_idx])

min\_idx = j;

**int** temp = arr[min\_idx];

arr[min\_idx] = arr[i];

arr[i] = temp;

}

}

**public** **static** **void** main(String []args) {

**int** n;

System.***out***.println("Enter number of elements in array");

Scanner scanner = **new** Scanner(System.***in***);

n=scanner.nextInt();

**int** arr[]=**new** **int**[n];

System.***out***.println("Enter array elements");

**for**(**int** i=0;i<n;i++)

arr[i]=scanner.nextInt();

*sort*(arr);

System.***out***.println("Enter value to find its index ");

**int** value=scanner.nextInt();

*findindex*(arr,value);

}

}

**10. To reverse an Array of n integers.**

**import** java.util.Scanner;

**public** **class** ArrayReverse {

**private** **static** **void** arrayreverse(**int**[] arr) {

**int** n=arr.length;

**for**(**int** i=0,j=n-1;i<j;i++,j--) {

**int** t=arr[i];

arr[i]=arr[j];

arr[j]=t;

}

**for**(**int** i=0;i<n;i++)

System.***out***.print(arr[i]+" ");

}

**public** **static** **void** main(String []args) {

**int** n;

System.***out***.println("Enter number of elements in array");

Scanner scanner = **new** Scanner(System.***in***);

n=scanner.nextInt();

**int** arr[]=**new** **int**[n];

System.***out***.println("Enter array elements");

**for**(**int** i=0;i<n;i++)

arr[i]=scanner.nextInt();

*arrayreverse*(arr);

}

}