❖ Arrays Methods:

1) Arrays Binary Search Method

```
import java.util.Arrays;
class Main
{
	public static void main(String[] args)
	{
		int A[] = { 10, 20, 15, 22, 35 };
		int Key = 22;
		Arrays.sort(A);
		System.out.println(Key+"Index of elements is "+Arrays.binarySearch(A,Key));
	}
}
```

Output: 22Index of elements is 3

2) Arrays Fill Method

```
import java.util.Arrays;
class Main
{
	public static void main(String[] args)
	{
		int A[] = { 10, 20, 15, 22, 35 };
		Arrays.fill(A,10);
		System.out.println("Modified array:"+Arrays.toString(A));
	}
}
```

Output: Modified array: [10, 10, 10, 10, 10]

3) Arrays Sort Method

```
import java.util.Arrays;
class Main
{
	public static void main(String[] args)
	{
		int A[] = { 42,07,12, 20, 15, 22, 35 };
		Arrays.sort(A);
		System.out.println("Sorted array"+Arrays.toString(A));
	}
}
```

Output: Sorted array: [7, 12, 15, 20, 22, 35, 42]

3) Arrays Equals Method

```
import java.util.Arrays;
class Main
{
	public static void main(String[] args)
	{
		int A[] = new int[]{42,07,12,20,15};
		int B[] = new int[]{12,24,89,90,12};
		int C[] = new int[]{42,07,12,20,15};
		System.out.println("Is array A and array B are equals?"+Arrays.equals(A,B));
		System.out.println("Is array A and array C are equals?"+Arrays.equals(A,C));
	}
}
```

Output: Is array A and array B are equals?:false

Is array A and array C are equals?:true